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Resource Conservation and Recovery Act (RCRA) Facility Investigation Report

RACER Trust
1400 Lowell Street
Elyria, Ohio

Prepared for: RACER Trust

Conestoga-Rovers & Associates
1805 E. Perkins Avenue
Sandusky, Ohio 44870

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Partners in Sustainability

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List of Acronyms

ADD	average daily dose
AMSL	above mean sea level
AOI	area of interest
ASAP	Additional Sampling and Analysis Plan
AST	above-ground storage tank
B_{ca}	bias-corrected and accelerated
bgs	below ground surface
C_{air}	chemical concentration in air
cf/s	cubic feet per second
CFR	Code of Federal Regulations
COPC	chemical of potential concern
cm/s	centimeters per second
CRA	Conestoga-Rovers & Associates
CSM	conceptual Site model
DCC	Direct Contact Criteria
DWC	Drinking Water Criteria
EI	Environmental Indicator
GCC	Groundwater Contact Criteria
GM	General Motors Corporation
gpm	gallons per minute
GVIIC	Groundwater Volatilization to Indoor Air Inhalation Criteria
HEAST	Health Effects Assessment Summary Tables
HI	hazard index
HQ	hazard quotient
IRIS	Integrated Risk Information System
K_p	permeability coefficient for dermal absorption
LADD	lifetime average daily dose
NCEA	National Center for Environmental Assessment
OEPA	Ohio Environmental Protection Agency

PCB	polychlorinated biphenyl
PID	photoionization detector
ppm	part per million
PRG	preliminary remediation goal
PSIC	Particulate Soil Inhalation Criteria
RACER	Revitalizing Auto Communities Environmental Response
RCRA	Resource Conservation and Recovery Act
Report	RFI Report
RfCs	chronic inhalation reference concentrations
RfDs	chronic reference doses
RFI	RCRA Facility Investigation
RME	reasonable maximum exposures
SFs	cancer slope factors
Site	1400 Lowell Street, City of Elyria, Lorain County, Ohio
SSR	Site Summary Report
STL	Severn Trent Laboratories
SVIIC	Soil Volatilization to Indoor Air Inhalation Criteria
SVOC	semi-volatile organic compound
TAL	Target Analyte List
TCL	Target Compound List
TSCA	Toxic Substances Control Act
UCLs	upper confidence limits
URFs	inhalation unit risk factors
VOC	volatile organic compound
VSIC	Infinite Source Volatile Soil Inhalation Criteria
WWTP	wastewater treatment plant

Section 1.0 Introduction

1.1 Purpose

Conestoga-Rovers & Associates (CRA) has prepared this Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) Report (Report) on behalf of Revitalizing Auto Communities Environmental Response (RACER) Trust, for the property located at 1400 Lowell Street, in the City of Elyria, Lorain County, Ohio (Site). The Site's United States Environmental Protection Agency (U.S. EPA) Identification Number is OHD004201091.

RACER conducted the RFI to investigate the areas of interest (AOIs) identified in the Site's Site Summary Report (SSR) (CRA, June 2007) for the presence of releases of hazardous waste or hazardous constituents that could pose an unacceptable risk to human health or the environment. The RFI was conducted in accordance with a RFI Work Plan (CRA, June 2011) and supplemental data submittals and correspondence that were submitted to the Ohio Environmental Protection Agency (OEPA).

This document describes the technical approach, procedures, and results of the field activities conducted during the RFI. The information includes a comparison of the RFI data with appropriate risk-based screening criteria to identify whether there is a potentially significant release of hazardous waste or hazardous constituents from each AOI. Where a potentially significant release has been identified, the nature and extent of hazardous constituents in the environmental media characterized during the RFI are discussed. In addition, a human health risk assessment and ecological risk assessment are included in this Report to provide a basis for determining whether the presence of these hazardous constituents poses an unacceptable risk to human health and the environment that would warrant corrective measures.

1.2 Report Organization

This Report is organized as follows:

- Section 2.0 provides an overview of the RFI, including a summary of the AOIs.
- Section 3.0 discusses the environmental setting regionally and in the vicinity of the Site, including information on surface water hydrology, geology, hydrogeology, background soil characteristics, land use, and groundwater use.
- Section 4.0 presents a summary and discussion of the RFI results for each of the AOIs. The discussion for each area investigated includes a summary of the scope of the field investigations, a summary and evaluation of the RFI data, and a discussion of whether a potentially significant release of hazardous constituents has been identified.

- Section 5.0 presents a human health risk assessment that evaluates the potential significance of reasonable maximum exposures to affected environmental media under current and reasonably expected future land use at and around the Site to determine whether corrective measures are warranted.
- Section 6.0 presents a Level I Scoping ecological risk assessment.
- Section 7.0 summarizes the conclusions of the RFI.
- Section 8.0 lists the references cited in the Report.
- Tables and figures cited in the text of the Report are found at the end of the text.
- Appendix A contains the soil boring logs and monitoring well construction logs for all of the soil borings and monitoring wells installed during the RFI.
- Appendix B contains all soil and groundwater analytical laboratory reports.
- Appendix C summaries of the results of the data review and data validation.
- Appendix D contains the human health risk assessment calculations and related supporting information.
- Appendix E contains the Level 1 scoping ecological risk assessment photos and agency correspondence.
- Appendix F contains an evaluation of the extent of groundwater contamination, potential for off-site migration of contaminants in groundwater and screening evaluation of potential risk associated with site groundwater.

Section 2.0 Overview of RFI

2.1 Site Description

The Site is located at 1400 Lowell Street in City of Elyria, Lorain County, Ohio. The Site location is presented on Figure 2.1.1. The Site's facility identification is OHD 004201091. The Site is approximately 25 miles southwest of Cleveland, Ohio. Lorain County is located on the eastern fringe of the till plain of the Great Central Lowlands. The topography in the vicinity of the Site is relatively flat to gently rolling. The northward-flowing Black River is located less than 1 mile to the east of the Site, and Lake Erie is located approximately 8 miles to the north of the Site.

The Site property is owned by RACER. There is a notice in the deed to the facility that indicates that a portion of the Site has been used to manage hazardous wastes, and use of this portion of the property is restricted. The perimeter of the site is also fenced. The Site layout is presented on Figure 2.1.2.

Adjacent properties are used for industrial, commercial, and agricultural purposes. The Site is bounded to the west by the former General Motors Inland Fisher Guide Division Plant, which is currently used for commercial/industrial purposes by Northern Ohio Associates Limited Partnership. The Site was part of the General Motors Inland Fisher Guide Division Plant (former GM facility) until 1988. The former GM manufacturing building (former plant) and surrounding property were sold to Northern Ohio Associates Limited. The remaining portion of the former GM facility became the RACER property and is the subject facility of this RFI. Vacant industrial and agricultural properties bound the Site to the southwest, south, and east. A 193-foot wide railway right-of-way separates the Site from additional commercial and industrial properties further north of the Site.

2.1.1 Historical Operations

During the initial operating stages of the former GM facility, manufactured products included wheel covers, bumper guards, auto grills, hood hinges, die cast parts, foam instrument panels and jet engine turbine blades. Beginning in 1984, products included seat cushions, metal seat frames and hinges, sunroof assemblies and automotive trim. Electroplating was a process used in the manufacture of many of the former GM facility products (Ecology, 1991).

While in operation, four basic types of wastewater were generated at the former facility (acid/alkali or metal bearing wastewater, chromic acid bearing wastewater, cyanide-based wastes and rinses, and cleaner pre-soaked based wastes). The wastewater generated from the facility's electroplating lines was neutralized at the facility's former wastewater treatment plant (WWTP) and the treatment sludges were placed into three former surface impoundments located at the Site. The majority of the electroplating operations at the facility were discontinued by July 31, 1984. Subsequently, Fisher Guide Division (FGD) of GM incorporated a plate filter press into the WWTP process to dewater the sludge and to eliminate any further need for the surface impoundments (Ecology, 1991). No facility process sludges were placed into the surface impoundments at the Site after August 1986 (Fisher Guide, 1987). All production at the former facility ceased in July 1988 (Fisher Guide, 1988).

Prior to selling the former plant parcel to Northern Ohio Limited Partnership, facility closure activities were conducted from July 1987 through July 1988. During the closure activities, sludges dewatered at the facility's WWTP's plate filter press were disposed of off Site at an appropriately licensed disposal facility (WSI, 1988). The facility's WWTP was subsequently decontaminated (Ecology, 1991). The facility closure activities ensured that all of the facility's Resource Conservation and Recovery Act (RCRA) treatment, storage, and disposal (TSD) units were closed in accordance with plans and specifications approved by Ohio EPA and/or United

States Environmental Protection Agency (USEPA) (Fisher Guide, 1988). A RCRA closure plan was conditionally approved by Ohio EPA in August 1987. The Site's surface impoundments were closed and the sludges were solidified with cement kiln dust. The solidified sludges were placed into a landfill (Closed Landfill Area) that was constructed over the Site's former surface impoundments. The Closure Certification Report (WSI, 1988) for the surface impoundments, landfill, and RCRA units was submitted to Ohio EPA on September 16, 1988.

2.1.2 Current Operations

No daily activities are currently conducted at the Site. The only periodic activity that takes place is landfill leachate removal.

2.2 Summary of Previous Investigations

Between 1987 and 1988, a series of tasks were performed at the former facility to identify contaminated materials, waste, and waste residues for assuring the environmentally safe closure of the former facility. General housekeeping at the facility was good due to efforts to clean areas prior to facility expansions, during process decommissioning, or during process change-overs. Minor contaminated materials plus hazardous and nonhazardous wastes or potential wastes were identified. Further investigation was warranted in some areas and recommendations were made regarding facility closure.

Eleven investigative test trenches were excavated on the Site, east of the former facility's north-south access road. Fourteen soil borings were completed parallel to the former facility's north-south access road. Both the investigative test trench samples and the soil borings were analyzed for total chromium, copper, nickel, and volatile organic compounds (VOCs), with the exception of four soil borings west of the road along the southern end of the road which were not analyzed for VOCs. An examination of the results of the soil samples concluded that inorganic contamination was found on the Site, east of the access road. The inorganic contamination did not extend off the Site, west of the road (i.e. onto the parcel which included the facility building).

U.S. EPA tasked Ecology and Environment, Inc. (Ecology) to conduct a Screening Site Inspection (SSI) of the Site in 1990. The SSI report was prepared in 1991 and the report consisted of a historical uses summary, interviews with Site representatives, a reconnaissance inspection, collection of seven soil samples from three former waste placement areas and a discussion of migration pathways. The purpose of the reconnaissance inspection was to refine a preliminary hazard ranking system score for the Site; establish potential priority for the NPL (National Priorities List), and to identify if the Site was a candidate for further investigation (Ecology, 1991).

In June 2000, CRA conducted further investigation of the three former placement areas (Open Burn Area, Northern Sludge Area and the Southern Sludge Area). Nine monitoring wells ("FD" Wells) were installed at the perimeter of the Site and groundwater samples were collected for analysis (CRA, 2004). All wells were analyzed for dissolved metals, general chemistry and VOCs, with the exception of FD-09 which was only analyzed for VOCs due to insufficient well recovery volume.

Between 2000 and 2014, CRA conducted further investigations of Site groundwater which included the installation of 60 groundwater wells and piezometers for the purpose of collecting groundwater samples.

2.3 Summary of Investigated Areas

Figure 2.3.1 presents the Site layout with the Areas of Interest (AOIs) and include:

AOI 1 – Open Burn Area
AOI 2 – Northern Sludge Area
AOI 3 – Southern Sludge Area
AOI 4 – Northern Trenches Area
AOI 5 – Southern Trenches Area
AOI 6 – Northern Die Storage Pad Area
AOI 7 – Southern Die Storage Pad Area
AOI 8 – Former Fuel Oil Tank Area
AOI-9 – Site Groundwater

Each AOI is described below.

2.3.1 Open Burn Area

The Open Burn Area is located in the north central portion of the Site. This area is approximately 4.8 acres in size.

This area was used for open burning and placement of general facility trash from 1947 to 1974 (Ecology, 1991). Materials were burned and/or placed in this area. This area is now covered with soil and is overgrown.

In 1990, the USEPA conducted a screening site inspection (SSI) and collected two soil samples from each of three areas (Open Burn Area, Northern Sludge Area, and Southern Sludge Area).

The USEPA soil samples contained a number of Target Analyte List (TAL) and Target Compound List (TCL) compounds with concentrations above Site background levels (Ecology, 1991).

2.3.2 Northern Sludge Area

The Northern Sludge Area is located in the northeastern portion of the Site. This area is approximately 6.8 acres in size.

This area was used for placement of WWTP sludges from 1956 to 1967 (Ecology, 1991). Approximately 25,000 cubic yards of material were placed within this area. Currently this area is overgrown.

In 1990, the USEPA conducted a SSI and collected two soil samples from each of three areas (Open Burn Area, Northern Sludge Area, and Southern Sludge Area). The USEPA soil samples contained a number of TAL and TCL compounds with concentrations above Site background levels (Ecology, 1991).

2.3.3 Southern Sludge Area

The Southern Sludge Area is located in the east central portion of the Site. This area is approximately 6.5 acres in size.

This area was used for placement of WWTP sludges from 1972 to 1977 (Ecology, 1991). Approximately 40,000 cubic yards of material were placed within this area. Currently this area is overgrown.

In 1990, the USEPA conducted a SSI and collected two soil samples from each of three areas (Open Burn Area, Northern Sludge Area, and Southern Sludge Area). The USEPA soil samples contained a number of TAL and TCL compounds with concentrations above Site background levels (Ecology, 1991).

Ohio EPA was consulted in the 1970s by the former facility personnel regarding the use of this area for the placement of excavated sludge from the former surface impoundments. Ohio EPA indicated, in a letter dated March 21, 1974, that they have no objection to the use of this area for the placement of sludge materials from the former surface impoundments (Ohio EPA, 1974).

2.3.4 Southern Trenches Area

The Southern Trenches Area is located in the west central portion of the Site. This area is approximately 0.7 acre in size.

Four investigative test trenches were excavated in 1988 south of the former fuel oil tank. The four investigative trenches contained waste fill material including rags, paper, wood, roofing material, wiring, transite board, metal scrap, rubber gloves, and concrete rubble. Soil samples were collected from three of the investigative trenches, and analysis indicated that the most frequently reported parameters were chromium, copper and nickel.

A former monitoring well, MW-16, was installed in 1988. Visual observations indicated this location was potentially impacted. Soil and groundwater samples were collected. Soil analytical results indicated elevated concentrations of inorganics (e.g., chromium, nickel, zinc and copper) and organics [e.g., 1,2-dichloroethene (1,2-DCE), toluene, trichloroethene (TCE), and xylenes]. Groundwater analytical results also indicated elevated concentrations of inorganics (e.g., nickel and zinc) and organics (e.g., TCE, 1,2-DCE, vinyl chloride, xylenes, and ethyl benzene). The contamination at this location could be due to direct waste placement in the vicinity, metal bearing sludge or paint sludge in the vicinity, or equipment/die cleaning activities on the nearby die storage pads.

2.3.5 Northern Trenches Area

The Northern Trenches Area is located in the northwestern portion of the Site. This area is approximately 0.8 acre in size.

Four investigative test trenches were excavated in 1988 northeast of the open burn area and north of the former fuel oil tank. Two investigative trenches contained waste fill material. A soil sample was collected from each of the investigative trenches and analysis indicated that the most frequently reported parameters were chromium, copper, and nickel.

A former monitoring well, MW-15, was installed in 1988. Soil and groundwater samples were collected. Soil analytical results indicated no metal contamination at this location, detectable concentrations of TCE and low concentrations of other VOCs. The groundwater analytical results indicated no VOCs were detected. This location is vertically isolated by low permeability soils.

2.3.6 Northern and Southern Former Die Storage Pad Area

The former Die Storage Pad Areas are located in the west central portion of the Site. This area is approximately 1.6 acres in size.

This area consists of two concrete pads (located on the north side and the south side of the railway spur) formerly used to store dies. Equipment and die cleaning activities occurred on these pads. The cleaning activities reportedly included the use of various solvents.

Waste fill materials were found in trenches excavated in 1988 east of the former facility and just north of the pads (see Section 4.6). It is unknown whether there is any relationship between the Southern Trenches Area (discussed in Section 4.6) and the Former Die Storage Pad Area.

2.3.7 Former Fuel Oil Tank Area

The former Fuel Oil Tank Area is located in the northwestern portion of the Site. This area covers approximately 1.5 acres.

This area included the former 2,310,000-gallon fuel oil tank and the earth dyke that surrounded the tank (Fisher Guide, November 1985).

One investigative test trench was excavated north of the former fuel oil tank in 1988. A soil sample was collected from the investigative trench and analysis of the sample indicated that chromium (total), copper and nickel were present.

There is no record of a release of hazardous materials from this area, and there is no physical evidence such as surface staining or stressed vegetation to indicate that a release had ever occurred at this location.

2.3.8 Groundwater

Groundwater beneath each AOI, across the site and from off-site was holistically evaluated for the site. An evaluation of site groundwater is included in Appendix F.

Section 3.0 Environmental Setting

3.1 Adjacent Land Use

Adjacent properties have been used for industrial, commercial, and agricultural purposes. The Site is bounded to the west by the former facility, which is currently used for

commercial/industrial purposes. Vacant industrial and agricultural properties bound the landfill parcel to the southwest, south, and east. A 193-foot wide railway right-of-way separates the Site from additional commercial and industrial properties further north of the Site (CRA, 2004).

3.2 Water Supply and Groundwater Use

Based on a file search of Ohio Department of Natural Resources (ODNR) logs for off-Site wells, the closest well is approximately 0.6 mile to the northwest of the Site. This well is not downgradient of the Site. In general, wells in the Berea Sandstone aquifer in the vicinity of the Site are capable of producing a maximum of 5 to 25 gallons per minute (gpm) of water; however, typically 3 to 10 gpm of water are produced under long-term withdrawal. Areas within the City of Elyria have access to the public water supply including the area in the vicinity of the Site. The City of Elyria obtains it water from Lake Erie. Installation of private potable water supply wells is discouraged by the permitting and approvals process, and by the associated costs of installing, operating, and maintaining a private water supply well. Some locations within Lorain County may also experience issues regarding groundwater taste and odor, which also discourages private water well installation (CRA, 2004).

3.3 Topography

Lorain County is located on the eastern fringe of the till plain of the Great Central Lowlands. The topography in the vicinity of the Site is relatively flat to gently rolling (CRA, 2006). The Site property is wooded, but includes a maintained clearing around the Closed Landfill Area.

3.4 Climate

Elyria experiences a continental climate with strong modifying influences due to the presence of Lake Erie. Summers are moderately warm and humid. Winters are cold and cloudy with the average temperatures in December, January, and February below freezing. Consistent with a continental climate, precipitation can vary widely; however, it is normally abundant and well distributed over the year. The most frequent precipitation is in May through September, and winter is the driest season (CRA, 2006).

3.5 Regional Geology and Site Geology

The general area was subject to Wisconsinan glaciation, leaving a thin layer of drift material known as the Hiram Till over the southern two-thirds of Lorain County and lacustrine silty clay across the northern one-third of the county. The drift material consists of clay-rich soil up to 25 feet in thickness. Elyria lies on glaciated, lake plain deposits and beach ridges of Old Lake Whittlesey, Lake Maumee, and Lake Warren (Stout et al., 1943). The area is located near the

eastern boundary of the till plain area of the Central Lowland physiographic province (CRA, 2001).

The bedrock underlying Lorain County consists of relatively flat-lying sedimentary strata and includes the upper Devonian and lower Mississippian Cleveland Shale, Bedford Shale, Berea Sandstone, and Cuyahoga Shale. Bedrock dips slightly to the south or southeast. The most important bedrock aquifer in Lorain County is the Berea Sandstone which typically yields 3 to 10 gpm under long-term withdrawal (Barber, 1988).

There are three main stratigraphic units at the Site. The stratigraphic units proceeding from the surface downwards are drift (clay till), Berea Sandstone, and Bedford Shale. All three stratigraphic units are described in the Post-Closure Plan, Section E-2b dated September 2, 1993 (WSI, 1993). The two water bearing horizons for post-closure monitoring of the landfill are:

1. The Till unit and the contact with the Berea Sandstone (referred to as Till Contact unit)
2. The upper portion of the Berea Sandstone aquifer (referred to as the Bedrock unit)

For the purpose of evaluating groundwater flow across the entire Site, groundwater is assumed to travel in one stratigraphic horizon which straddles both the Till Contract unit and the Bedrock unit. Because groundwater flow in the Till Contact unit and the Bedrock unit is observed as having similar elevations and groundwater flow patterns when evaluated on a Site-wide basis, and because these two units are in contact with each other, one groundwater flow horizon is representative of Site conditions for the purposes of the risk screening and evaluation in this report.

3.6 Regional and Site Hydrogeology

The regional hydrogeologic influences in the vicinity of the Site are the northward-flowing Black River which is located less than 1 mile to the east of the Site, and Lake Erie which is located approximately 8 miles to the north of the Site.

Groundwater elevations and contours for the groundwater flow zone are presented in Appendix F. Groundwater flows generally to the northeast beneath the landfill and southern portion of the site. As described in Appendix F, the groundwater flow in the northern portion of the site is influenced by existing storm sewers. In the northern area, groundwater flow is inward toward the storm sewers (Appendix F). The storm sewers appear to prevent off-site migration of groundwater and acts similar to a gaining stream.

3.7 Regional and Site Hydrology

There is no known groundwater discharge to surface water in the immediate vicinity of the Site. In general, precipitation that falls on the Site is diverted from the capped landfill via riprap swales to adjacent drainage ditches. Intermittent flow has been observed in the Site drainage ditches after precipitation events. The surface water flows off of the Site via sewers and drainage ditches.

There are low lying areas to the east and west of the landfill that have been observed to be inundated with surface water at times. A Wetland Delineation Report was completed in June 2014 which identified 13 wetland areas at the Site. Of the 13 wetland areas identified, 10 were described as jurisdictional wetlands (41.09 acres) and 3 were described as isolated wetlands (2.32 acres).

The closest major water body is the West Branch of the Black Creek which is more than 0.8 mile to the east of the Site.

Section 4.0 Investigation Results and Discussion

This section presents the results of the field investigations conducted during the RFI and is divided into subsections corresponding to the AOIs. Each subsection includes a description of the area(s) investigated; the scope of the field investigations; a summary of the results; and a discussion of the results with respect to whether a potentially significant release of hazardous constituents has been identified and, if so, the nature and extent of the release.

The identification of a potentially significant release at an AOI based on comparison of the maximum concentrations detected in the applicable characterization data collected during the RFI for the given area with appropriate risk-based screening criteria.

The approach for evaluating the soil and groundwater data is discussed below.

Soil

The soil characterization data were compared to the screening criteria contained in the Regional Screening Level (RSL) Table, Industrial Soil, June 2011.

Groundwater

Groundwater samples were collected from on and off-Site monitoring wells either set at the till-bedrock interface (shallow) or into the bedrock (deep). The groundwater characterization data

were compared to screening criteria derived from U.S. EPA Maximum Contaminant Levels (MCLs).

Each of the following subsections includes a sample summary, a figure identifying the sample locations, and a table comparing the AOI/Area analytical characterization data for each matrix with the screening criteria. Each subsection also includes databox plans that illustrate the spatial distribution of the RFI data for constituents which were detected, at least one at a concentration higher than the industrial screening criteria in any media at any AOI.

4.1 AOI 1 – Open Burn Area

AOI 1 is located in the north central portion of the Site. This area is approximately 4.8 acres in size. This area was used for open burning and placement of general facility trash from 1947 to 1974 (Ecology, 1991). Materials were burned and/or placed in this area. This area is now covered with soil and is overgrown.

4.1.1 Scope and Results

The scope of the RFI field investigations at AOI 1 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 1. The RFI sampling locations for soil are indicated on Figures 4.1.1 and 4.1.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 1:

Soil

During the initial RFI soil investigation, 4 soil samples were collected during the installation of two soil borings. Three of the four soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. The fourth sample was analyzed for Dioxins only. A sample summary is presented in Table 4.1.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 1. This work was covered under the Additional Sampling and Analysis Plan (ASAP) (CRA, June 2013). An additional 14 soil borings were installed within AOI 1 and 12 soil samples were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.1.2 and a sample summary is presented in Table 4.1.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.1.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 1 for one compound; arsenic. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at two locations above screening criteria ranging from 5.5 to 17 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

During the second round of RFI soil sampling activities all compounds analyzed were reported below the screening criteria.

The RFI soil screening results within AOI 1 are summarized in Appendix D and on Figures 4.1.1 and 4.1.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.1.3 Conclusions

The results of the soil RFI within AOI 1 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during all RFI phases has adequately characterized the constituents within AOI 1. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.2 AOI 2 – Northern Sludge Area

AOI 2 is located in the northeastern portion of the Site. This area is approximately 6.8 acres in size. This area was used for placement of WWTP sludges from 1956 to 1967 (Ecology, 1991). Approximately 25,000 cubic yards of material were placed within this area. Currently this area is overgrown.

4.2.1 Scope and Results

The scope of the RFI field investigations at AOI 2 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 2. The RFI sampling locations for soil are indicated on Figures 4.2.1 and 4.2.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 2:

Soil

During the initial RFI soil investigation five soil samples, including one duplicate, were collected during the installation of two soil borings. All five soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.2.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 2. This work was covered under the ASAP. An additional 15 soil borings were installed within AOI 2 and 14 soil samples were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.2.2 and a sample summary is presented in Table 4.2.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.2.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 2 for two compounds; arsenic and hexavalent chromium. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at two locations above screening criteria ranging from 3.4 to 8.6 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- Hexavalent chromium was reported at two locations above screening criteria ranging from 6.3 to 10 mg/kg. This result is above the RSL for Industrial soil (5.6 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

During the second round of RFI soil sampling activities all compounds analyzed were reported below the screening criteria except for Nickel at BH100-13. Nickel was reported at 28,000 mg/kg which is above the screening criteria of 14,000 mg/kg.

The RFI soil screening results within AOI 2 are summarized in Appendix D and on Figures 4.1.1 and 4.1.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.2.3 Conclusions

The results of the soil RFI within AOI 2 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during all RFI phases has adequately characterized the constituents within AOI 2. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.3 AOI 3 – Southern Sludge Area

AOI 3 is located in the east central portion of the Site. This area is approximately 6.5 acres in size. This area was used for placement of WWTP sludges from 1972 to 1977 (Ecology, 1991). Approximately 40,000 cubic yards of material were placed within this area. Currently this area is overgrown.

4.3.1 Scope and Results

The scope of the RFI field investigations at AOI 3 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 3. The RFI sampling locations for soil are indicated on Figures 4.3.1 and 4.3.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 3:

Soil

During the initial RFI soil investigation four soil samples were collected during the installation of two soil borings. All four soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.3.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 3. This work was covered under the ASAP. An additional 21 soil borings were installed

within AOI 3 and 13 soil samples were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.3.2 and a sample summary is presented in Table 4.3.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.3.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 3 for two compounds; arsenic and hexavalent chromium. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at four locations above screening criteria ranging from 9.6 to 15 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg)
- Hexavalent chromium was reported at two locations above screening criteria ranging from 8 to 9.3 mg/kg. This result is above the RSL for Industrial soil (5.6 mg/kg)
- All other compounds analyzed were reported below the screening criteria

During the second round of RFI soil sampling activities all compounds analyzed were reported below the screening criteria except for nickel. Nickel was reported at four locations above the screening criteria ranging from 23,000 to 34,000 mg/kg which is above the screening criteria of 14,000 mg/kg.

The RFI soil screening results within AOI 3 are summarized in Appendix D and on Figures 4.3.1 and 4.3.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.3.3 Conclusions

The results of the soil RFI within AOI 3 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during all RFI phases has adequately characterized the constituents within AOI 3. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.4 AOI 4 – Northern Trenches Area

AOI 4 is located in the northwestern portion of the Site. This area is approximately 0.8 acre in size.

4.4.1 Scope and Results

The scope of the RFI field investigations at AOI 4 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 4. The RFI sampling locations for soil are indicated on Figures 4.4.1 and 4.4.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 4:

Soil

During the initial RFI soil investigation four soil samples were collected during the installation of two soil borings. All four soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.4.1.

The field activities were conducted in accordance with methods described in the RFI Work Plan. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.4.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 4 for two compounds; arsenic and benzo(a)pyrene. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at four locations above screening criteria ranging from 7.7 to 26 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- Benzo(a)pyrene was reported at one location above screening criteria at 0.6 mg/kg. This result is above the RSL for Industrial soil (0.21 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

The RFI soil screening results within AOI 4 are summarized in Appendix D and on Figures 4.4.1 and 4.4.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.4.3 Conclusions

The results of the soil RFI within AOI 4 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during the initial RFI phase adequately characterized the constituents within AOI 4. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.5 AOI 5 – Southern Trenches Area

AOI 5 is located in the west central portion of the Site. This area is approximately 0.7 acre in size.

4.5.1 Scope and Results

The scope of the RFI field investigations at AOI 5 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 5. The RFI sampling locations for soil are indicated on Figures 4.5.1 and 4.5.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 5:

Soil

During the initial RFI soil investigation five soil samples, including one duplicate, were collected during the installation of two soil borings. All five soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.5.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 5. This work was covered under the ASAP. An additional 9 soil borings were installed within AOI 5 and 12 soil samples were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.5.2 and a sample summary is presented in Table 4.5.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.5.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 5 for one compound; arsenic. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at four locations above screening criteria ranging from 4.9 to 15 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

During the second round of RFI soil sampling activities all compounds analyzed were reported below the screening criteria.

The RFI soil screening results within AOI 5 are summarized in Appendix D and on Figures 4.5.1 and 4.5.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.5.3 Conclusions

The results of the soil RFI within AOI 5 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during the initial RFI phase adequately characterized the constituents within AOI 4. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.6 AOI 6 – Northern Die Storage Pad Area

AOI 6 is located in the west central portion of the Site. This area is approximately 0.8 acres in size. The area consists of one concrete pad located on the north side of the railway spur formerly used to store dies. Equipment and die cleaning activities occurred on these pads. The cleaning activities reportedly included the use of various solvents.

4.6.1 Scope and Results

The scope of the RFI field investigations at AOI 6 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 6. The RFI sampling locations for soil are indicated on Figures 4.6.1 and 4.6.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 6:

Soil

During the initial RFI soil investigation two soil samples were collected during the installation of one soil boring. Both soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.6.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 6. This work was covered under the ASAP. An additional 17 soil borings, including one duplicate, were installed within AOI 6 and 19 soil samples were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.6.2 and a sample summary is presented in Table 4.6.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.6.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 6 for one compound; arsenic. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at both soil sample locations above screening criteria ranging from 8.37 to 11 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

Soil sample results from the second round of RFI sampling activities exceeded the soil screening criteria within AOI 6 for two compounds; copper and nickel. The following provides more detailed information regarding the soil RFI results:

- Copper was reported at 3 soil sample locations above screening criteria ranging from 42,000 to 52,000 mg/kg. These results are above the RSL for Industrial soil (40,000 mg/kg).
- Nickel was reported at 2 soil sample locations above screening criteria ranging from 23,000 to 25,000 mg/kg. These results are above the RSL for Industrial soil (14,000 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

The RFI soil screening results within AOI 6 are summarized in Appendix D and on Figures 4.6.1 and 4.6.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.6.3 Conclusions

The results of the soil RFI within AOI 6 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during the initial RFI phase adequately characterized the constituents within AOI 6. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.7 AOI 7 – Southern Die Storage Pad Area

AOI 7 is located in the west central portion of the Site. This area is approximately 0.8 acres in size. The area consists of one concrete pad located on the south side of the railway spur formerly used to store dies. Equipment and die cleaning activities occurred on these pads. The cleaning activities reportedly included the use of various solvents.

4.7.1 Scope and Results

The scope of the RFI field investigations at AOI 7 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 7. The RFI sampling locations for soil are indicated on Figures 4.7.1 and 4.7.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 7:

Soil

During the initial RFI soil investigation two soil samples were collected during the installation of one soil boring. Both soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.7.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 7. This work was covered under the ASAP. An additional 14 soil borings were installed within AOI 7 and 14 soil samples, including one duplicate, were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.7.2 and a sample summary is presented in Table 4.7.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.7.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 7 for one compound; arsenic. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at one soil sample location above screening criteria at 11 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

During the second round of RFI soil sampling activities all compounds analyzed were reported below the screening criteria.

The RFI soil screening results within AOI 7 are summarized in Appendix D and on Figures 4.7.1 and 4.7.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.7.3 Conclusions

The results of the soil RFI within AOI 7 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during the initial RFI phase adequately characterized the

constituents within AOI 4. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.8 AOI 8 – Former Fuel Oil Tank Area

AOI 8 is located in the northwestern portion of the Site. This area covers approximately 1.5 acres. This area included the former 2,310,000-gallon fuel oil tank and the earth dyke that surrounded the tank (Fisher Guide, November 1985).

4.8.1 Scope and Results

The scope of the RFI field investigations at AOI 8 consisted of the collection of soil samples to define the nature and extent of hazardous constituents released into soil as a result of the former operations at AOI 8. The RFI sampling locations for soil are indicated on Figures 4.8.1 and 4.8.2.

The following paragraphs summarize the sampling activities conducted for soil at AOI 8:

Soil

During the initial RFI soil investigation four soil samples were collected during the installation of two soil borings. All four soil samples were analyzed for VOCs, SVOCs, metals, and hexavalent chromium. A sample summary is presented in Table 4.8.1.

A second round of soil sampling was completed in order to more fully delineate metals within AOI 7. This work was covered under the ASAP. An additional 12 soil borings were installed within AOI 8 and 13 soil samples, including one duplicate, were submitted for laboratory analysis. All samples were analyzed for cobalt, copper, manganese, nickel, and zinc. Sample locations are presented on Figure 4.8.2 and a sample summary is presented in Table 4.8.2.

The field activities were conducted in accordance with methods described in the RFI Work Plan and ASAP. The stratigraphic logs for the borings are provided in Appendix A.

The analytical data generated from the laboratory analyses of these RFI samples are suitable for use as documented in the data review and validation memoranda provided in Appendix E.

4.8.2 Discussion of Results

Soil sample results from the initial RFI sampling activities exceeded the soil screening criteria within AOI 8 for one compound; arsenic. The following provides more detailed information regarding the soil RFI results:

- Arsenic was reported at three soil sample locations above screening criteria ranging from 2.2 to 26 mg/kg. These results are above the RSL for Industrial soil (1.6 mg/kg).
- All other compounds analyzed were reported below the screening criteria.

During the second round of RFI soil sampling activities all compounds analyzed were reported below the screening criteria except for copper. Copper was reported at one location above the screening criteria at 69,000 mg/kg which is above the screening criteria of 40,000 mg/kg.

The RFI soil screening results within AOI 8 are summarized in Appendix D and on Figures 4.8.1 and 4.8.2. The data validation memoranda and analytical data summary tables are presented in Appendix C.

4.8.3 Conclusions

The results of the soil RFI within AOI 8 indicate that all compounds exceeding screening criteria have been delineated to screening criteria or adequate data have been collected for the HHRA and ERA. The soil sampling conducted during the initial RFI phase adequately characterized the constituents within AOI 8. The potential significance of all detected concentrations from the soil RFI is evaluated in the HHRA and ERA provided in Sections 6 and 7, respectively, in this Report.

4.9 AOI 9 – Sitewide Groundwater

In order to evaluate concentrations of VOCs present in groundwater RACER sampled onsite and offsite monitoring wells using low-flow sampling techniques from 2011 to 2014. Groundwater water levels were also recorded at all existing monitoring wells at the Site prior to completing each sampling round.

4.9.1 Scope and Results

The scope of the RFI field investigation at AOI 9 consisted of the collection of groundwater samples to define the nature and extent of hazardous constituents released into groundwater as a result of the former operations at the site. Sample locations and results are shown on Figures 4.9.1 and 4.9.2 for all groundwater sampling events and a sample summary for all

groundwater sampling events is presented in Table 4.9.1. The following paragraphs summarize the sampling activities conducted for groundwater at AOI 9:

AOI-09 Groundwater

During the RFI groundwater investigation, over 350 groundwater samples were collected from 56 monitoring wells located on and off-Site. Samples were collected from 2011 through 2014 and analyzed for VOCs. Monitoring as part of post closure care of the landfill was also conducted but no evidence of a release has been noted and the data is not included in this RFI.

As discussed in Section 3.5 and Appendix F, the Till contact and bedrock stratigraphy appears to be a single hydrogeological unit relative to groundwater flow direction. The groundwater elevations in both the Till contact and bedrock are similar and produce similar contours. Groundwater flows generally to the northeast beneath the landfill and southern portion of the site. As described in Appendix F, the groundwater flow in the northern portion of the site is influenced by existing storm sewers. In the northern area, groundwater flow is inward toward the storm sewers (Appendix F). The storm sewers appear to prevent off-site migration of groundwater and acts similar to a gaining stream.

To better understand the vertical extent and evaluate potential volatilization to indoor air, the monitoring wells screened in each stratigraphy are summarized separately. The monitoring well locations and summary of groundwater data are provided Table 4.9.1 and summarized in Figures 4.9.1 and 4.9.2. Two areas of groundwater contamination are evident; 1) off-site and extending on-Site in the vicinity of the former WWTP and 2) adjacent to the Southern Former Die Storage Area (AOI-7). Based on groundwater flow direction, migration of contamination in groundwater is limited by the influence of the storm sewer network.

As presented in Appendix F, samples from the storm sewer were collected on 31 August 2015. Outfall 001 location is an enclosed confluence of the site sewer system prior to leaving the site. Concentrations of 1,2-dichloroethene, trichloroethene and vinyl chloride were detected in the sewer sample at concentrations less than the OMZA surface water quality criteria. These results provide additional evidence that groundwater discharges to the storm sewer.

4.9.2 Discussion of Results

Groundwater sample results from the initial RFI sampling activities from on-Site and off-Site (upgradient) exceeded the MCLs for four compounds; cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, and Trichloroethene, and Vinyl Chloride. As shown in Appendix F, two areas of groundwater contamination are evident; 1) off-site and extending on-Site in the vicinity of the former WWTP and 2) adjacent to the Southern Former Die Storage Area (AOI-7). Other

compounds analyzed were reported below the screening criteria for all other monitoring wells (Table 4.9.1). The potential migration of these constituents from the site in groundwater is controlled by the existing storm sewer network. The concentrations of volatile compounds in a sample collected from the storm sewer at the property boundary were less than the OMZA surface water quality criteria.

4.9.3 Conclusions

The results of the sitewide groundwater sampling indicate that compounds exceeding the MCLs have been delineated on-Site. The contamination present in the vicinity of the former facility's WWTP appears to be related to a release on the adjacent parcel. Groundwater contamination is present adjacent to the Southern Former Die Storage Area. The potential for constituents in groundwater to migrate off-site is limited by the existing storm sewers that cross through the Site.

Section 5.0 Human Health Risk Assessment (HHRA)

5.1 Objectives of the HHRA

The purpose of the HHRA is to evaluate the potential human health risks posed by Site media under potential current and future Site conditions, assuming no additional remedial actions are taken at the Site. The specific goals of the risk assessments are:

- Identify and provide analysis of baseline risks (defined as risks that might exist if no further remediation were applied at the Site) and identify what areas of the Site may require further remedial action
- Provide a basis for determining the level of chemicals that can remain on Site and still not adversely impact public health
- Provide a basis for comparing potential health impacts of various remedial alternatives

The HHRA was conducted in accordance with the following United States EPA (USEPA) guidance:

- USEPA Risk Assessment Guidance for Superfund (RAGS): Volume 1 - Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002, December 1989 (USEPA, 1989)

- USEPA RAGS: Volume 1 – Human Health Evaluation Manual Supplemental Guidance, Standard Default Exposure Factors, Interim Final, OSWER Directive 9285.6-03, March 25, 1991 (USEPA, 1991a)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals), Interim, EPA/540/R-92/003, December 1991 (USEPA, 1991b)
- USEPA Assessing Dermal Exposure from Soil, Region III Technical Guidance Manual Risk Assessment, EPA/903-K-95-003, December 1995 (USEPA, 1995)
- USEPA Region 4 Human Health Risk Assessment Bulletins – Supplement to RAGS, Section 4: Exposure Assessment, May 2000 (USEPA, 2000)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments), Final, Publication 9285.7-47, December 2001 (USEPA, 2001)
- USEPA Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December 2002 (USEPA, 2002)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part E, Supplemental Guidance For Dermal Risk Assessment), Final, EPA/540/R/99/005, OSWER Directive 9285.7-02EP, PB99-963312, July 2004 (USEPA, 2004)
- USEPA Child-Specific Exposure Factors Handbook, September 2008 (USEPA, 2008)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009 (USEPA, 2009)

5.2 Site Characterization

5.2.1 Conceptual Site Model

In order to evaluate the significance of the impacted media at the Site, the potential pathways by which individuals may come in contact with these media must be determined. The combination of factors (chemical source, media of concern, release mechanisms, and potential receptors) that could produce a complete exposure pathway and lead to human uptake of chemicals at the Site are assessed in what is defined as a Conceptual Site Model (CSM). The following human receptors have been identified based on current and future use of the Site: trespasser; industrial/commercial worker; and construction/utility worker.

Potentially impacted media at the Site include surface soil and subsurface soil. Human receptors potentially exposed to impacted surface and subsurface soils include trespassers,

industrial/commercial workers, and construction/utility workers through direct contact (incidental ingestion and dermal contact) and inhalation of soil particulates/volatiles.

5.2.2 Selection of Chemicals of Potential Concern (COPCs)

This section presents the process for establishing the chemicals of potential concern (COPCs) for the Site. COPCs are chemicals related to the Site that pose the greatest potential public health risk. In general, detected chemicals are identified as COPCs based upon their concentrations and known toxicity characteristics.

Chemicals are identified as COPCs if the maximum detected Site concentration exceeds applicable screening criteria identified for each medium. The screening criteria for surface and subsurface soils were the Ohio VAP Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009 (Ohio VAP, 2009) and USEPA Regional Screening Level (RSL) Summary Table, Industrial Soil, November 2013 (USEPA, 2013).

5.2.3 Summary of Selected COPCs

All chemicals determined to be present at concentrations exceeding applicable screening criteria were identified as COPCs for the investigated medium. The COPCs were identified on a Site Wide basis for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) and Area basis for metals as discussed below. Based on Ohio EPA's comment letter dated December 18, 2013, benzo(a)pyrene, arsenic, hexavalent chromium, and thallium do not need to be included and as such were excluded as COPCs in the risk assessment regardless if their maximum concentration was greater than the applicable screening criteria.

Site Wide

In August 2011, a total of 14 surface and subsurface soil samples were collected at the Site and analyzed for VOCs and SVOCs. In addition, one soil sample was analyzed dioxins/furans. As presented in Table 5.2.1, none of the analytes exceeded their screening value, and therefore Site Wide was not evaluated further in the HHRA.

Open Burn Area

In August 2011, a total of three subsurface soil samples were collected within the Open Burn Area and analyzed for metals. In addition, 12 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.2,

manganese was detected at a maximum concentration greater than the screening value, and therefore was identified as a COPC for the Open Burn Area.

Northern Sludge Area

In August 2011, a total of four surface and subsurface soil samples were collected within the Northern Sludge Area and analyzed for metals. In addition, 26 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.3, cobalt, copper, manganese, and nickel were detected at maximum concentrations greater than the screening values, and therefore were identified as COPCs for the Northern Sludge Area.

Southern Sludge Area

In August 2011, a total of four subsurface soil samples were collected within the Southern Sludge Area and analyzed for metals. In addition, 25 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.4, cobalt, copper, and nickel were detected at maximum concentrations greater than the screening values, and therefore were identified as COPCs for the Southern Sludge Area.

Southern Trench Area

In August 2011, a total of four subsurface soil samples were collected within the Southern Trench Area and analyzed for metals. In addition, 12 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.5, copper, manganese, and nickel were detected at maximum concentrations greater than the screening values, and therefore were identified as COPCs for the Southern Trench Area.

Northern Trench Area

In August 2011, a total of four subsurface soil samples were collected within the Northern Trench Area and analyzed for metals. As presented in Table 5.2.6, none of the analytes exceeded their screening value, and therefore the Northern Trench Area was not evaluated further in the HHRA.

Southern Die Storage Area

In August 2011, a total of two surface and subsurface soil samples were collected within the Southern Die Storage Area and analyzed for metals. In addition, 13 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.7, copper, manganese, and nickel were detected at maximum concentrations greater

than the screening values, and therefore were identified as COPCs for the Southern Die Storage Area.

Northern Die Storage Area

In August 2011, a total of two subsurface soil samples were collected within the Northern Die Storage Area and analyzed for metals. In addition, 32 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.8, cobalt, copper, manganese, nickel, and zinc were detected at maximum concentrations greater than the screening values, and therefore were identified as COPCs for the Northern Die Storage Area.

Former Fuel Oil Tank Area

In August 2011, a total of four subsurface soil samples were collected within the Former Fuel Oil Tank Area and analyzed for metals. In addition, 23 surface and subsurface soil samples were collected in July 2013 and analyzed for selected metals. As presented in Table 5.2.9, copper, manganese, nickel, and zinc were detected at maximum concentrations greater than the screening values, and therefore were identified as COPCs for the Former Fuel Oil Tank Area.

5.3 Exposure Assessment

Exposure is defined as the contact of a receptor (i.e., person) with a chemical or physical agent. The exposure assessment is the estimation of the magnitude, frequency, duration, and routes of exposure. An exposure assessment provides a systematic analysis of the potential exposure mechanism by which a receptor may be exposed to chemical or physical agents at or originating from a study area. The objectives of an exposure assessment are as follows:

1. Characterization of exposure setting
2. Identification of potential exposure pathways
3. Quantification of exposure

5.3.1 Characterization of Exposure Setting

As part of the HHRA process, potential exposure pathways are determined through an evaluation of the physical setting of the Site and the potentially exposed populations. The consideration of Site-specific factors related to land usage is important in the development of realistic exposure scenarios and quantification of risks and hazards. The current and future potential land uses that are reasonably expected for the Site determine what populations may potentially be exposed. The Site land uses are discussed in the following subsections.

Current Land Use

Currently the Site is vacant and trespassers are currently the only potentially exposed populations. As a result, the current receptors at the Site are trespassers.

Future Land Use

Since the Site use is not expected to change, the potential future receptors for the Site is the same as the current use. Should the Site be redeveloped in the future some below-grade excavation or construction activity would be required. As a result, future potential construction/utility worker exposures to Site conditions were evaluated in the HHRA. If the Site was redeveloped, then an industrial/commercial worker exposure to Site conditions was also evaluated in the HHRA.

The future potentially exposed population includes industrial/commercial workers, construction/utility workers, and persons who may infrequently trespass on the Site.

5.3.2 Identification of Potential Exposure Pathways

An exposure pathway describes a mechanism by which humans may come into contact with Site-related COPCs. An exposure pathway is complete (i.e., it could result in a receptor contacting a COPC) if the following four elements are present:

1. A source or a release from a source (e.g., COPCs released to soil due to historical releases during plant operations)
2. A probable environmental migration route of a site-related COPC (e.g., leaching or partitioning from one medium to another)
3. An exposure point where a receptor may come in contact with a site-related COPC (e.g., surface and subsurface soil)
4. A route by which a site-related COPC may enter a potential receptor's body (e.g., ingestion, dermal contact, or inhalation)

If any of these four elements are not present, the exposure pathway is considered incomplete and does not contribute to the total exposure from the Site.

As discussed in Section 2.0, there are areas of the Site where media have been impacted due to releases during former industrial operations. Therefore, the first element necessary for a complete exposure pathway is satisfied at several areas of the Site. The remaining three elements are discussed in the following sections.

5.3.2.1 Potential Migration Routes

Many complex factors control the partitioning of a COPC in the environment; thus measured concentrations at the Site only represent Site conditions at a discrete point in time. An understanding of the general fate and transport characteristics of the COPCs are important when predicting future exposure, linking sources with currently contaminated media, and identifying potentially complete pathways to Site media. Therefore, the fate and transport analysis conducted at this stage of the exposure assessment is not intended to provide a quantitative evaluation of media-specific COPC concentrations; it is meant to identify media that are likely to receive Site-related COPCs.

The following sections provide a fate and transport evaluation to determine the relative significance of the release sources and mechanisms. The concentration and distribution of COPCs in the environment are constantly subject to change due to dispersal by wind and water, and chemical and biological degradation by microorganisms. Once released to the environment, COPCs can partition between air, water, sediment, soil, and biota, and be subsequently subjected to one or more of the following processes:

1. Transportation (e.g., convection by wind or water)
2. Physical transformation (e.g., volatilization, precipitation)
3. Chemical transformation (e.g., photolysis, hydrolysis, oxidation, reduction)
4. Biological transformation (e.g., biodegradation, metabolization by plants or animals)
5. Accumulation in one or more media

Several transport mechanisms, such as convection by wind or water of soil particles, are controlled primarily by the physical characteristics of the Site, and thus are essentially the same for all COPCs. However, other transport and transformation processes, such as volatilization, sorption, and biodegradation, depend on certain physical and chemical properties, and therefore vary for each COPC. As metals are the only COPCs, wind transport of the soil particles is the only considered transport mechanism.

5.3.2.2 Potential Exposure Points

COPCs have been identified in soils and as indicated in Sections 3.1.1 and 3.1.2, there is a potential for trespasser to be exposed to COPCs in the soils. Should the Site be redeveloped, then an industrial/commercial and construction/utility workers could be exposed to the COPCs in the soils in the future.

5.3.2.3 Potential Exposure Routes

An exposure route is the fourth element of an exposure pathway. Exposure routes are identified by: i) determining the COPC sources and receiving media, ii) analyzing the movement of the COPCs from the source (Section 3.2.1), and iii) determining the possible exposure points (Section 3.2.2).

Humans can be exposed to a variety of contaminated media, including soil, groundwater, and air that has contact with other contaminated media. As presented in Section 2.7.1, metals were identified as COPCs in surface and subsurface soils. Therefore, the potential exposure routes are based on exposure to soils at the Site. Potential exposure routes associated with Site soils include incidental ingestion, direct dermal contact, and inhalation of particulates in the ambient air.

5.3.2.4 Exposure Scenarios and Completed Exposure Pathways

Based on an understanding of the four components of an exposure pathway and the current/future conditions of the Site, human exposure pathways were identified. As discussed in Section 2.6, the potential human populations considered relevant to the HHRA for current and future Site conditions include an adolescent trespasser, industrial/commercial workers, and construction/utility workers. Access to the Site is restricted by a perimeter fence thus it is unlikely that trespassers would actively frequent the Site. However, a hypothetical Site trespasser exposure to Site media was evaluated in the HHRA.

The following media and potential human exposures (i.e., complete pathways) were identified for quantitative evaluation in the HHRA:

1. Surface and Subsurface Soil – Current/Future Condition:
    - Incidental ingestion of soils by adolescent trespassers, industrial/commercial workers, and construction/utility workers
    - Dermal contact with soils by adolescent trespassers, industrial/commercial workers, and construction/utility workers
    - Inhalation of COPC's particulates in ambient air

5.3.3 Quantification of Exposure

To quantify exposure, potential exposure scenarios were developed using guidance presented in the following USEPA documents:

- USEPA Risk Assessment Guidance for Superfund (RAGS): Volume 1 - Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002, December 1989 (USEPA, 1989)
- USEPA RAGS:Volume 1 – Human Health Evaluation Manual Supplemental Guidance, Standard Default Exposure Factors, Interim Final, OSWER Directive 9285.6-03, March 25, 1991 (USEPA, 1991a)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part B, Development of Risk-Based Preliminary Remediation Goals), Interim, EPA/540/R-92/003, December 1991 (USEPA, 1991b)
- USEPA Region 4 Human Health Risk Assessment Bulletins – Supplement to RAGS, Section 4: Exposure Assessment, May 2000 (USEPA, 2000)
- USEPA RAGS:Volume 1 – Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments), Final, Publication 9285.7-47, December 2001 (USEPA, 2001)
- USEPA Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December 2002 (USEPA, 2002)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part E, Supplemental Guidance For Dermal Risk Assessment), Final, EPA/540/R/99/005, OSWER Directive 9285.7-02EP, PB99-963312, July 2004 (USEPA, 2004)
- USEPA RAGS: Volume 1 – Human Health Evaluation Manual (Part F, Supplemental Guidance for Inhalation Risk Assessment, Final, EPA-540-R-070-002, OSWER 9285.7-82, January 2009 (USEPA, 2009)
- USEPA Exposure Factors Handbook, September 2011 (USEPA, 2011)
- USEPA Recommendations for Default Value for Relative Bioavailability of Arsenic in Soil, OSWER 9200.1-113, December 2012 (USEPA, 2012)
- Ohio EPASupport Document for the Development of Generic Numerical Standards and Risk Assessment Procedures, Voluntary Action Program, August 2008 (OEPA, 2008)

Two levels of exposure scenarios are presented. The Central Tendency (CT) presents the average or mean exposure, and approximates the most probable exposure conditions. The Reasonable Maximum Exposure (RME) presents a conservative exposure scenario that generally utilizes the 90th to 95th percentile assumptions, depending upon available data.

The CT and RME values for the various exposure scenarios were determined based on the observed data distribution and the percentage of censored data points (non-detected results). The CT and RME exposure point concentrations (EPCs) are conservatively based on the

95 percent Upper Confidence Limit (UCL) of the mean. For each COPC, the 95 percent UCL was calculated using USEPA's ProUCL software Version 5.0 (2013). ProUCL 5.0 contains statistical methods to address data sets both with and without non-detects and computes the 95 percent UCL for a given data set by a variety of alternative statistical approaches (including several approaches that do not require the assumption of normality or log-normality). ProUCL 5.0 then recommends specific UCL values as being the most appropriate for that particular data set. For EPCs based on a 95 percent UCL, the distribution type and specific 95 percent UCL type selected by the ProUCL software are indicated in the EPC table. Non-detect and duplicate results were handled as follows:

- The reported detection limit (RDL) was considered for non-detect results in the calculation 95 percent UCL values
- Arithmetic mean calculations used the RDL to account for non-detect results
- Only data deemed usable based on the data validation process were included
- Duplicate samples were averaged to calculate EPCs
- In cases where more than one 95 percent UCL was calculated by ProUCL, the greater of the two values was assigned as the EPC for that analyte

Appendix A contains the ProUCL 5.0 outputs for COPCs in each Area.

The arithmetic mean, maximum, and 95 percent UCL concentrations for COPCs in soils for each Area are summarized in the following tables:

- Table5.3.1 – Open Burn Area
- Table 5.3.2 – Northern Sludge Area
- Table 5.3.3 – Southern Sludge Area
- Table 5.3.4 – Southern Trench Area
- Table 5.3.5 – Southern Die Storage Area
- Table 5.3.6 – Northern Die Storage Area
- Table 5.3.7 – Former Fuel Oil Tank Area

5.3.3.1 Specific Intake Equations

The following sections provide intake equations for ingestion, dermal, and inhalation exposure to soils, which were applied in the HHRA. In the HHRA, exposure estimates reflect chemical

concentration, contact rate, exposure time, and body weight in a term called "intake" or "dose".

Ambient Air Inhalation Intake Equation

The intake equation for calculating chemical intake from the inhalation of ambient air (USEPA, 1989) is:

$$I = \frac{C \times FT \times EF \times ED}{PEF \times AT}$$

Where:

I	=	Chemical intake (mg/m^3)
C	=	Chemical concentration in soil (mg/kg)
FT	=	Fraction of time exposed (hours/24 hours)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
PEF	=	Particulate Emission Factor (m^3/kg)
AT	=	Averaging time (averaging period, days)

Soil Incidental Ingestion Intake Equation

The intake equation for calculating chemical intake from the incidental ingestion of soil (USEPA, 1989) is:

$$I = \frac{C \times IR \times CF \times EF \times ED}{BW \times AT}$$

Where:

I	=	Chemical intake (mg/kg body weight/day)
C	=	Chemical concentration in soil (mg/kg)
IR	=	Incidental ingestion rate (mg/day)
CF	=	Conversion Factor (kg/mg)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
BW	=	Body weight (kg)
AT	=	Averaging time (averaging period, days)

Soil Dermal Contact Intake Equation

The intake equation for calculating chemical intake from dermal exposure to groundwater during excavation activities that expose groundwater (USEPA, 1989) is:

$$I = \frac{C \times CF \times SA \times AF \times ABS \times EF \times ED}{BW \times AT}$$

Where:

I	=	Chemical intake (mg/kg body weight/day)
C	=	Chemical concentration in soil (mg/kg)
CF	=	Conversion Factor (kg/mg)
SA	=	Skin surface area available for contact (cm^2)
AF	=	Adherence Factor (mg/cm^2)
ABS	=	Absorption Factor (%/100)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
BW	=	Body weight (kg)
AT	=	Averaging time (averaging period, days)

5.3.3.2 Exposure Scenario Assumptions

Different exposure scenarios were developed for each receptor population that was evaluated in the HHRA. Descriptions of each exposure scenario and associated exposure assumptions are presented in the following subsections.

Receptor characteristics had values assigned for CT and RME scenarios. In some cases these values differed between scenarios (e.g., exposure concentration, exposure frequency, etc.) and in other cases these values were the same for both CT and RME scenarios (e.g., body weight, skin surface area, soil ingestion rate, etc.). The assignment of receptor characteristics by scenarios followed standard practices used by regulating agencies and risk assessment professionals. The specific values used are presented in the following sections.

Exposure scenario assumptions applied for the trespasser, industrial/commercial worker, and construction/utility worker are presented in the following table references and summarized in the sections below:

- Table 5.3.8: Trespasser exposure to soils
- Table 5.3.9: Industrial/Commercial Worker exposure to soils
- Table 5.3.10: Construction/Utility Worker exposure to soils

Trespasser Exposure to Soils

Exposure Factor	*Units*	*Scenario*	*Trespasser*
Ingestion Rate	mg/day	CT and RME	100
Skin Surface Area	cm^2	CT and RME	3,900 [a]
Adherence Factor	mg/cm^2	CT	0.04
		RME	0.2
Absorption Factor - dermal	%/100	CT and RME	chemical-specific
Fraction of Time Exposed	unitless	CT	1.7/24 [b]
		RME	3.4/24 [b]
Conversion Factor	kg/mg	CT and RME	1.0E-06
Particulate Emission Factor	kg/m^3	CT and RME	9.24E+08
Exposure Frequency	days/year	CT	25 [c]
		RME	50 [c]
Exposure Duration	years	CT and RME	10 [d]
Body Weight	kg	CT and RME	56.8
Carcinogenic Averaging Time	days	CT and RME	25,550
Non-Carcinogenic Averaging Time	days	CT	3,650

Notes:

a The basis for SA is the 50th percentile value from Table 7-1, Recommended Values for Total Body Surface Area, Males and Females Combined. The total body surface area was multiplied by 0.25 (25 percent) to account for exposed skin.

b The basis for the FT is the 50th percentile from Table 16-1, Recommended Values for Activity Factors - Time Outdoors (total). The time spent outdoors for 11 to 16 years old of 100 min/day equates to 1.7 hours (CT) [100/60]. The RME is double the CT value for 3.4 hours.

c The basis for the EF is the 50th percentile from Table 16-1, Recommended Values for Activity Factors - Time Outdoors (total). The time spent outdoors for 11 to 16 years old of 100 min/day from out of a possible 365 days equates to 25 days (CT) [(100 min/d/1,440 total min/d)*365]. The RME is double the CT value for 50 days.

d Trespasser is a 7- through 16-year-old therefore the exposure duration is 10 years, based on USEPA Region 4 (2000).

Industrial/Commercial Worker Exposure to Soils

Exposure Factor	*Units*	*Scenario*	*Industrial/Commercial Worker*
Ingestion Rate	mg/day	CT and RME	100
Skin Surface Area	cm^2	CT and RME	3,300
Adherence Factor	mg/cm^2	CT	0.02
		RME	0.2
Absorption Factor - dermal	%/100	CT and RME	chemical-specific
Conversion Factor	kg/mg	CT and RME	1.0E-06
Fraction of Time Exposed	unitless	CT and RME	8/24
Particulate Emission Factor	kg/m^3	CT and RME	9.24E+08
Exposure Frequency	days/year	CT	219
		RME	250
Exposure Duration	years	CT	9
		RME	25
Body Weight	kg	CT and RME	70
Carcinogenic Averaging Time	days	CT and RME	25,550
Non-Carcinogenic Averaging Time	days	CT	3,285
		RME	9,125

Construction/Utility Worker Exposure to Soils

Exposure Factor	*Units*	*Scenario*	*Construction/Utility Worker*
Ingestion Rate	mg/day	CT and RME	330
Skin Surface Area	cm^2	CT and RME	3,300
Adherence Factor	mg/cm^2	CT	0.1
		RME	0.3
Absorption Factor - dermal	%/100	CT and RME	chemical-specific
Conversion Factor	kg/mg	CT and RME	1.0E-06
Fraction of Time Exposed	unitless	CT and RME	8/24
Particulate Emission Factor	kg/m^3	CT and RME	area specific [a]
Exposure Frequency	days/year	CT	120
		RME	250
Exposure Duration	years	CT and RME	1

Exposure Factor	*Units*	*Scenario*	*Construction/Utility Worker*
Body Weight	kg	CT and RME	70
Carcinogenic Averaging Time	days	CT and RME	25,550
Non-Carcinogenic Averaging Time	days	CT and RME	3655

Note:

a Refer to Table 5.3.11for derivation of particulate emission factor

The particulate emission factor (PEF) for the construction/utility worker in Table 5.3.11was calculated consistent with the methodology presented in USEPA (2002).

5.4 Toxicity Assessment

The toxicity assessment weighs the available evidence regarding the potential for particular COPCs to cause adverse effects in exposed individuals and estimates the extent of exposure and possible severity of adverse effects. To develop toxicity values, two steps are taken: hazard identification and dose-response assessment. The hazard identification determines the potential adverse effects associated with exposure to a COPC. In the dose-response assessment, numerical toxicity values are determined or selected from the available toxicity data.

In the selection of toxicity values, preference has been given to the most recently developed values because these would incorporate the most recent toxicological information and would provide the best basis upon which to assess potential health hazards/risks. Toxicity values were obtained from the USEPA IRIS (Integrated Risk Information System) database (USEPA, 2011b).

5.4.1 Non-carcinogenic Hazards

Toxicity Information for Non-carcinogenic Effects

For substances suspected to cause non-carcinogenic chronic effects, the health criteria are usually expressed as chronic intake levels or Reference Dose (RfDs) [in units of mg/(kg-day)] or Reference Concentration (RfCs) [in units of mg/m^3] below which, no adverse effects are expected. In other words, there is a level of exposure to a chemical below which no toxic effects are expected. In contrast to the toxicological model used to assess carcinogenic risk, which assumes no concentration threshold, the non-carcinogenic dose-response model postulates a "threshold".

In this risk assessment, chronic RfDs and RfCs are used as the toxicity values for non-carcinogenic health effects. Chronic RfD and RfC are defined as an estimate (with an uncertainty spanning an order of magnitude or greater) of a daily exposure level for the human population, including sensitive sub-populations, which poses no appreciable risk of deleterious effects over a lifetime of exposure. Uncertainty factors are incorporated into the RfDs or RfCs to account for extrapolations from animal toxicity data, data quality, and to protect sensitive sub-populations. The basis of an RfD or RfC is usually the highest dose/concentration level administered to laboratory animals that did not cause observable adverse effects after chronic (usually lifetime) exposure. This is called the No-Observed Adverse Effect Level (NOAEL). The NOAEL is then divided by an uncertainty (safety) factor, and sometimes an additional modifying factor, to obtain the RfD or RfC. In general, an uncertainty factor of 10 is used to account for interspecies variation and another factor of 10 to account for sensitive human populations. Additional factors of 10 are included in the uncertainty factor if the RfD is based on the Lowest-Observed Adverse Effect Level (LOAEL) instead of the NOAEL, or if data inadequacies are present (e.g., the experiment for which the RfD was derived had less than lifetime exposure). The LOAEL is the dose or concentration level administered to laboratory animals that causes the lowest adverse effect (i.e., liver toxicity - although this is species and chemical-specific) after chronic exposure.

The non-cancer toxicity data (RfDs) are used to estimate human health effects for oral and dermal exposure routes for the COPCs and are presented in Table 5.4.1. Dermal RfDs were adjusted consistent with USEPA (2004). The RfCs used for the inhalation exposure route are presented in Table 5.4.2.

5.4.2 Carcinogenic Risks

Toxicity Information for Carcinogenic Effects

Cancer Slope Factors (CSFs) and inhalation unit risk factors (URFs) are quantitative risk estimates of carcinogenic potency. Slope factors and URFs relate the lifetime probability of excess cancers to the lifetime average exposure dose/concentration of a substance. CSFs and URFs are estimated using mathematical extrapolation models, most commonly the linearized multistage (LMS) model, and are presented as risk per mg/(kg-day) (i.e., mg carcinogen per kg body weight per day) for oral CSF and risk per mg/m3 for inhalation URF. These models assume low dose-response linearity and thus may not be appropriate for some suspect carcinogens, in particular those that function as promoters. As well, the body's natural repair processes and defense mechanisms may decrease cancer risk at low exposure levels. Thus, the risks at lower exposure levels are likely overestimated using the LMS model. When adequate human epidemiology data are available, maximum likelihood estimates (MLEs) of model parameters are used to generate a CSF or URF. When only animal data are available, the CSF is derived

from the largest possible linear slope that is consistent with the data (within the upper 95 percent confidence limit). In other words, the true risk to humans, while not identifiable, is not likely to exceed the upper-bound estimate. This is a conservative estimate, and in some cases a linear slope of zero may be as appropriate for the data (i.e., no carcinogenic risk).

Known or suspect human carcinogens have been evaluated and identified by the Carcinogen Assessment Group using the USEPA Weight-of-Evidence approach for carcinogenicity classification (HEAST, 1997). The USEPA classification is based on an evaluation of the likelihood that the agent is a human carcinogen. The evidence is characterized separately for human and animal studies as follows:

Group A: Known Human Carcinogen (sufficient evidence of carcinogenicity in humans)
Group B: Probable Human Carcinogen (B1 - limited evidence of carcinogenicity in humans; B2 - sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans)
Group C: Possible Human Carcinogen (limited evidence of carcinogenicity in animals and inadequate or lack of human data)
Group D: Not Classifiable as to Human Carcinogenicity (inadequate or no evidence)
Group E: Evidence of Noncarcinogenicity for Humans (no evidence of carcinogenicity in animal studies)

The COPCs were classified utilizing the USEPA system. The oral and dermal cancer toxicity data (CSFs) used in the HHRA to estimate the risk of cancer for the oral and dermal exposure routes are presented in Table 5.4.3. Dermal CSFs were adjusted consistent with USEPA (2004). The URFs used for the inhalation exposure route are presented in Table 5.4.4.

5.4.3 Potential Risk from Carcinogens

A CSF or URF is applied to estimate the potential risk of cancer from exposure to carcinogenic chemicals. The CSF or URF, when multiplied by the lifetime average daily intake, provides an estimate of the probability that the intake will cause cancer during the lifetime of the exposed individual. This increased cancer risk is expressed, for example, as 1×10^{-6} or 1.0E-06 (one in one million increased cancer risk). This is an upper limit estimate of the risk, based on very conservative health-protective assumptions and conservative statistical evaluations of data from animal experiments or epidemiological studies. To state that a chemical exposure causes a 1E-06 added upper limit risk of cancer means that if 1,000,000 people are exposed to this concentration of the chemical for their lifetimes, a maximum of one additional incident of cancer may occur. This is a very conservative estimate, and, in fact, there may be no additional cases of cancer due to the chemical exposure.

5.5 Risk Characterization

The objective of this risk characterization is to integrate information developed in the exposure assessment (Section 3.0) and the toxicity assessment (Section 4.0) into a complete evaluation of the potential human health risks associated with exposure to potentially contaminated soil, groundwater, and air at the Site. The methods used in this risk characterization are based on Ohio EPA and USEPA HHRA guidance for human exposures (USEPA, 1989, 1991a, 1991b, 2000, 2001, 2002, 2004, 2008, 2009, 2011).

5.5.1 Hazard Estimates

The potential for non-cancer health effects from exposure to a COPC is evaluated by comparing an exposure level over a specified time period to a reference dose (RfD) for a similar time period. This ratio, termed the hazard quotient, is calculated according to the following general equation:

$$HQ = \frac{CDI}{RfD \text{ or } RfC}$$

Where:

HQ = The Hazard Quotient (unitless) is the ratio of the exposure dose of a chemical to a reference dose not expected to cause adverse effects from a lifetime exposure. A hazard quotient equal to or below 1.0 is considered protective of human health.

CDI = The Chronic Daily Intake is the chemical dose or concentration calculated by applying the exposure scenario assumptions and expressed as mg/(kg-day) or mg/m^3. The intake represents the average daily chemical dose or concentration over the expected period of exposure.

RfD = The Reference Dose is a daily dose believed not to cause an adverse effect from even a lifetime exposure [mg/(kg-day)]. The RfD is based on experimental data and/or epidemiological studies.

RfC = The Reference Concentration is a daily concentration believed not to cause an adverse effect from even a lifetime exposure [mg/m^3]. The RfC is based on experimental data.

The Hazard Index (HI) is the sum of Hazard Quotients for individual COPCs for a specific exposure scenario.

The calculated HIs resulting from exposure to the COPCs are compared to an HI of 1. A HI equal to or below 1.0 is considered protective of human health over a lifetime and indicates that the exposure scenarios are not of concern. Typically, an HI between 1 and 10 suggests that

exposure may reduce the margin of safety inherent in the exposure scenario and may be of possible concern for sensitive individuals. When the HI exceeds 10, there may be substantial concern for potential health effects. While any single COPC with an exposure level greater than the toxicity value will cause the HI to exceed 1, for multiple COPCs the HI can also exceed 1 due to the addition of multiple COPC HQs.

5.5.2 Cancer Risk Estimates

Exposure scenarios may involve potential exposure to more than one carcinogen. To represent the potential carcinogenic effects posed by exposure to multiple carcinogens, it is assumed, in the absence of information on synergistic or antagonistic effects, that these risks are additive. Cancer risks are calculated utilizing the following general equation:

$$\text{Cancer Risk} = \text{LADD} \times (\text{CSF or URF})$$

Where:

Cancer Risk	=	Estimated upper bound on additional risk of cancer over a lifetime in a population exposed to the carcinogen for a specified exposure period (unitless).
LADD	=	The Lifetime Average Daily Dose of the chemical calculated using exposure scenario assumptions and expressed in mg/(kg-day) for oral and dermal exposure and expressed in mg/m3 for inhalation exposure. The intake represents the total lifetime chemical dose or concentration averaged over an individual expected lifetime of 70 years.
CSF	=	The Cancer Slope Factor models the potential carcinogenic response and is expressed as $[\text{mg/(kg-day)}]^{-1}$.
URF	=	The inhalation Unit Risk Factor models the potential carcinogenic response and is expressed as $(\text{mg/m}^3)^{-1}$.

For estimating cancer risks from exposure to multiple carcinogens from a single exposure route, the following equation is used:

$$\text{Risk}_T = \sum_{i=1}^{N} \text{Risk}_i$$

Where:

Risk_T	=	Total cancer risk from route of exposure
Risk_i	=	Cancer risk for the chemical
N	=	Number of chemicals

The cumulative carcinogenic risks are presented and discussed in Section 5.3. The potential cumulative risks resulting from exposure to the COPCs are compared to the target cumulative risk of 1E-05 or 1 in 100,000.

5.5.3 Risk Quantification Summary

The hazard indices and excess lifetime cancer risks for the various exposure scenarios are presented below. Note that combined risks from dermal contact, incidental ingestion, and ambient air inhalation exposure are presented for soils.

If the industrial/commercial worker exposure to soils was above the target cancer risk level of 10^{-5} or the target HI of 1, then an evaluation to the surface soil (0 to 2 ft bgs) exposure for the industrial/commercial worker was done and presented. The EPCs for the surface soils and risk and hazard calculations were presented in Appendix B. The risk and hazard calculations were based on the same exposure assumptions and equations identified in Section 3.0.

5.5.3.1 Open Burn Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Open Burn Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	NC	-	7.3E-03	No	5.5.1
			RME	NC	-	1.7E-02	No	5.5.2
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	NC	-	5.6E-02	No	5.5.3
			RME	NC	-	7.2E-02	No	5.5.4
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	NC	-	4.3E-01	No	5.5.5
			RME	NC	-	9.1E-01	No	5.5.6

Note:

NC Not Calculated

The cumulative risks/hazards calculated for Open Burn Area are presented in Section 5.4.1. A summary of the risk/hazard exceedances for the Open Burn Area is provided in

Section 5.5.1.The major contributors to risks/hazards for the Open Burn Area are presented in Section 5.6.1.

5.5.3.2 Northern Sludge Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Northern Sludge Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	1.6E-09	No	9.2E-02	No	5.5.7
			RME	6.6E-09	No	2.1E-01	No	5.5.8
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	6.1E-08	No	6.8E-01	No	5.5.9
			RME	1.9E-07	No	8.6E-01	No	5.5.10
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	3.9E-07	No	3.3E+00	Yes	5.5.11
			RME	8.7E-07	No	7.0E+00	Yes	5.5.12

The cumulative risks/hazards calculated for Northern Sludge Area are presented in Section 5.4.2. A summary of the risk/hazard exceedances for the Northern Sludge Area is provided in Section 5.5.2.The major contributors to risks/hazards for the Northern Sludge Area are presented in Section 5.6.2.

5.5.3.3 Southern Sludge Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Southern Sludge Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	3.2E-09	No	1.4E-01	No	5.5.13
			RME	1.3E-08	No	3.2E-01	No	5.5.14
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	1.2E-07	No	1.0E+00	No	5.5.15
			RME	3.8E-07	No	1.3E+00	Yes	5.5.16
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	7.7E-07	No	4.2E+00	Yes	5.5.17
			RME	1.6E-06	No	8.8E+00	Yes	5.5.18

The cumulative risks/hazards calculated for Southern Sludge Area are presented in Section 5.4.3. A summary of the risk/hazard exceedances for the Southern Sludge Area is provided in Section 5.5.3.The major contributors to risks/hazards for the Southern Sludge Area are presented in Section 5.6.3.

As the cumulative HI was greater than 1.0 for the industrial/commercial worker within the Southern Sludge Area, risks and hazard were re-evaluated based on soils from the 0 to 2 ft bgs. The EPCs for the COCs are presented in Table B.1 of Appendix B. The risk and hazards calculated for the industrial/commercial workers based on these EPCs are presented in Table B.2 of Appendix B. An evaluation of exposure to the surface soil (0 to 2 ft bgs) for the industrial/commercial worker is summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface Soil (0 to 2 ft bgs)	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	RME	8.9E-09	No	7.3E-02	No	B.2 of Appendix B

5.5.3.4 Southern Trench Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Southern Trench Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10-5*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	2.9E-10	No	4.7E-02	No	5.5.19
			RME	1.2E-09	No	1.0E-01	No	5.5.20
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	1.1E-08	No	3.5E-01	No	5.5.21
			RME	3.4E-08	No	4.3E-01	No	5.5.22
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	6.9E-08	No	1.8E+00	Yes	5.5.23
			RME	1.4E-07	No	3.9E+00	Yes	5.5.24

The cumulative risks/hazards calculated for Southern Trench Area are presented in Section 5.4.4. A summary of the risk/hazard exceedances for the Southern Trench Area is provided in Section 5.5.4.The major contributors to risks/hazards for the Southern Trench Area are presented in Section 5.6.4.

5.5.3.5 Southern Die Storage Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Southern Die Storage Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	1.0E-09	No	1.5E-01	No	5.5.25
			RME	4.0E-09	No	3.1E-01	No	5.5.26
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	3.7E-08	No	1.1E+00	Yes	5.5.27
			RME	1.2E-07	No	1.3E+00	Yes	5.5.28
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	2.4E-07	No	3.0E+00	Yes	5.5.29
			RME	5.0E-07	No	6.2E+00	Yes	5.5.30

The cumulative risks/hazards calculated for Southern Die Storage Area are presented in Section 5.4.5. A summary of the risk/hazard exceedances for the Southern Die Storage Area is provided in Section 5.5.5.The major contributors to risks/hazards for the Southern Die Storage Area are presented in Section 5.6.5.

As the cumulative HI was greater than 1.0 for the industrial/commercial worker within the Southern Die Storage Area, risks and hazard were re-evaluated based on soils from 0 to 2 ft bgs. The EPCs for the COCs are presented in Table B.3 of Appendix B. The risk and hazards calculated for the industrial/commercial workers based on these EPCs are presented in Table B.4 of Appendix B. An evaluation of exposure to the surface soil (0 to 2 ft bgs) for the industrial/commercial worker is summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface Soil (0 to 2 ft bgs)	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	RME	8.3E-08	No	7.8E-01	No	B.4 of Appendix B

5.5.3.6 Northern Die Storage Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Northern Die Storage Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	9.6E-10	No	1.1E-01	No	5.5.31
			RME	3.9E-09	No	2.3E-01	No	5.5.32
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	3.6E-08	No	7.9E-01	No	5.5.33
			RME	1.1E-07	No	9.4E-01	No	5.5.34
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	2.3E-07	No	2.1E+00	Yes	5.5.35
			RME	4.8E-07	No	4.5E+00	Yes	5.5.36

The cumulative risks/hazards calculated for Northern Die Storage Area are presented in Section 5.4.6. A summary of the risk/hazard exceedances for the Northern Die Storage Area is provided in Section 5.5.6.The major contributors to risks/hazards for the Northern Die Storage Area are presented in Section 5.6.6.

5.5.3.7 Former Fuel Oil Tank Area

The non-cancer hazard calculations and calculated potential lifetime cancer risks for receptors in the Former Fuel Oil Tank Area are summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	Ingestion Dermal Inhalation	CT	1.0E-09	No	1.1E-01	No	5.5.37
			RME	4.2E-09	No	2.3E-01	No	5.5.38
	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	CT	3.9E-08	No	7.9E-01	No	5.5.39
			RME	1.2E-07	No	9.5E-01	No	5.5.40
	Construction/ Utility Worker	Ingestion Dermal Inhalation	CT	2.5E-07	No	2.4E+00	Yes	5.5.41
			RME	5.2E-07	No	5.1E+00	Yes	5.5.42

The cumulative risks/hazards calculated for Former Fuel Oil Tank Area are presented in Section 5.4.7. A summary of the risk/hazard exceedances for the Former Fuel Oil Tank Area is

provided in Section 5.5.7.The major contributors to risks/hazards for the Former Fuel Oil Tank Area are presented in Section 5.6.7.

5.5.4 Summation of Risks

A given human population may be exposed to a chemical by several exposure routes and through more than one medium. The purpose of this section is to identify the risks associated with a population that may be exposed to Site COPCs through a combination of exposure pathways.

USEPA (1989) states that risks should be combined across exposure pathways only where both of the following conditions apply:

(a) Reasonable exposure pathway combinations are identified

(b) It appears likely that the same individuals would consistently face the "reasonable maximum exposure" (RME) through more than one pathway

Instead of encouraging the calculation of combined risks from across exposure pathways, USEPA (1989) cautions that each RME estimate includes many conservative assumptions and that combining estimates is not appropriate unless the combination itself is a RME:

"For real world situations in which contaminant concentrations vary over time and space, the same individual may or may not experience the RME for more than one pathway over the same period of time. One individual might face the RME through one pathway, and a different individual face the RME through a different pathway. Only if you can explain why the key RME assumptions for more than one pathway apply to the same individual or sub-population should the RME risks for more than one pathway be combined.

In some situations, it may be appropriate to combine one pathway's RME risks with other pathways' risk estimates that have been derived from more typical exposure parameter values". [Emphasis added].

It is improbable that the same person would experience all potential exposures associated with a site or even over the periods of years specified in the individual RME scenarios. As a result, it is considered inappropriate to add together the estimated risks and hazards for the different exposure routes and pathways, because this would result in the exaggeration of an appropriate RME for the summed exposures. The summation of the CT estimates is likely the more appropriate representation of a cumulative maximum exposure. In this HHRA, only one exposure medium and one COPC were evaluated therefore the hazard indices and excess

lifetime cancer risks presented in Section 5.3 for the individual exposure media are the same as the hazard indices and excess lifetime cancer risks presented below as only exposure to COPCs in soils were evaluated to estimate total CT and RME exposures.

The cumulative HIs and lifetime cancer risks across all applicable exposure routes for all receptors is summarized below.

5.5.4.1 Open Burn Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	NC	-	7.3E-03	No	5.5.43
		RME	NC	-	1.7E-02	No	5.5.44
	Industrial/ Commercial Worker	CT	NC	-	5.6E-02	No	5.5.45
		RME	NC	-	7.2E-02	No	5.5.46
	Construction/ Utility Worker	CT	NC	-	4.3E-01	No	5.5.47
		RME	NC	-	9.1E-01	No	5.5.48

Note:

NC Not Calculated

5.5.4.2 Northern Sludge Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	1.6E-09	No	9.2E-02	No	5.5.49
		RME	6.6E-09	No	2.1E-01	No	5.5.50
	Industrial/ Commercial Worker	CT	6.1E-08	No	6.8E-01	No	5.5.51
		RME	1.9E-07	No	8.6E-01	No	5.5.52
	Construction/ Utility Worker	CT	3.9E-07	No	3.3E+00	Yes	5.5.53
		RME	8.1E-07	No	7.0E+00	Yes	5.5.54

5.5.4.3 Southern Sludge Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	3.2E-09	No	1.4E-01	No	5.5.55
		RME	1.3E-08	No	3.2E-01	No	5.5.56
	Industrial/ Commercial Worker	CT	1.2E-07	No	1.0E+00	No	5.5.57
		RME	3.8E-07	No	1.3E+00	Yes	5.5.58
	Construction/ Utility Worker	CT	7.7E-07	No	4.2E+00	Yes	5.5.59
		RME	1.6E-06	No	8.8E+00	Yes	5.5.60

An evaluation of the RME to surface soils (0 to 2 ft bgs) by the industrial/commercial worker is summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface Soil (0 to 2 ft bgs)	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	RME	8.9E-09	No	7.3E-02	No	B.2 of Appendix B

5.5.4.4 Southern Trench Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	2.9E-10	No	4.7E-02	No	5.5.61
		RME	1.2E-09	No	1.0E-01	No	5.5.62
	Industrial/ Commercial Worker	CT	1.1E-08	No	3.5E-01	No	5.5.63
		RME	3.4E-08	No	4.3E-01	No	5.5.64
	Construction/ Utility Worker	CT	6.9E-08	No	1.8E+00	Yes	5.5.65
		RME	1.4E-07	No	3.9E+00	Yes	5.5.66

5.5.4.5 Southern Die Storage Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	1.0E-09	No	1.5E-01	No	5.5.67
		RME	4.0E-09	No	3.1E-01	No	5.5.68
	Industrial/ Commercial Worker	CT	3.7E-08	No	1.1E+00	Yes	5.5.69
		RME	1.2E-07	No	1.3E+00	Yes	5.5.70
	Construction/ Utility Worker	CT	2.4E-07	No	3.0E+00	Yes	5.5.71
		RME	5.0E-07	No	6.2E+00	Yes	5.5.72

An evaluation of the RME to surface soils (0 to 2 ft bgs) by the industrial/commercial worker is summarized below.

Medium	*Receptor*	*Route*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface Soil (0 to 2 ft bgs)	Industrial/ Commercial Worker	Ingestion Dermal Inhalation	RME	8.3E-08	No	7.8E-01	No	B.4 of Appendix B

5.5.4.6 Northern Die Storage Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	9.6E-10	No	1.1E-01	No	5.5.73
		RME	3.9E-09	No	2.3E-01	No	5.5.74
	Industrial/ Commercial Worker	CT	3.6E-08	No	7.9E-01	No	5.5.75
		RME	1.1E-07	No	9.4E-01	No	5.5.76
	Construction/ Utility Worker	CT	2.3E-07	No	2.1E+00	Yes	5.5.77
		RME	4.8E-07	No	4.5E+00	Yes	5.5.78

5.5.4.7 Former Fuel Oil Tank Area

Medium	*Receptor*	*Exposure*	*Carcinogenic Risk*	*Risk > 10^{-5}*	*Non-Carcinogenic Hazard Index*	*HI > 1.0*	*Table Reference*
Surface and Subsurface Soil	Trespasser	CT	1.0E-09	No	1.1E-01	No	5.5.79
		RME	4.2E-09	No	2.3E-01	No	5.5.80
	Industrial/ Commercial Worker	CT	3.9E-08	No	7.9E-01	No	5.5.81
		RME	1.2E-07	No	9.5E-01	No	5.5.82
	Construction/ Utility Worker	CT	2.5E-07	No	2.4E+00	Yes	5.5.83
		RME	5.2E-07	No	5.1E+00	Yes	5.5.84

5.5.5 Summary of Exceedances

The following subsections below summarizes the instances where the calculated risk was greater than the target risk range of 10-5 or the calculated HI was greater than the target HI of 1 for the media and receptors assessed in each area.

5.5.5.1 Open Burn Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	No
Soil	Construction/Utility Worker	No	No

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.5.2 Northern Sludge Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	No
Soil	Construction/Utility Worker	No	Yes

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.5.3 Southern Sludge Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	Yes
Soil	Construction/Utility Worker	No	Yes

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.5.4 Southern Trench Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	No
Soil	Construction/Utility Worker	No	Yes

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.5.5 Southern Die Storage Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	Yes
Soil	Construction/Utility Worker	No	Yes

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.5.6 Northern Die Storage Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	No
Soil	Construction/Utility Worker	No	Yes

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.5.7 Former Fuel Oil Tank Area

Primary Media	*Receptor*	*Excess Cancer Risk>10^{-5} (1)*	*> Target HI =1 (1)*
		RME	*RME*
Soil	Trespasser	No	No
Soil	Industrial/Commercial Worker	No	No
Soil	Construction/Utility Worker	No	Yes

Note:

(1) "Yes" or "No" indicates that the cumulative HI and/or cancer risk is either greater or less than the target HI of 1 or cancer target risk of 10^{-5}, respectively.

5.5.6 Risk and Hazard COPC Contributions

The contribution to total risk and hazard of each COPC for a specific combined exposure scenario varies, depending on the COPC exposure point concentration and relative toxicity. Frequently, most of the risk estimated for an exposure scenario can be attributed to a few COPCs. The following sub-sections present a summary of the COPCs within each area

contributing the majority of risk and/or hazard in Site media where the combined RME scenarios exceeded the risk and hazard target levels.

The COPCs contributing the majority of RME risk and/or hazard at the Site in the applicable exposure media for the industrial/commercial worker and construction/utility worker are summarized below.

For a COPC to be considered a major contributor, the cumulative risk/hazard for the receptor must be a minimum of 5 percent of the cumulative risk/hazard.

The summary tables presented in the following subsections list the contributing COPCs along with their risk or hazard value as well as the contributing exposure route. Also presented in the summary table is the total risk or hazard associated with these contributing COPCs and the total cumulative risk or hazard associated with all COPCs identified in all exposure media in each area. The percentage that these contributing COPCs contribute to the total cumulative risk or hazard is also presented in the text in each section below.

5.5.6.1 Northern Sludge Area

Construction/Utility Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Manganese	Inhalation	-	2.5E+00	5.5.85
	Nickel	Ingestion and Inhalation	-	3.9E+00	
Total RME Risk/Hazard of Contributing COPCs			-	6.4+00	
Percentage of Cumulative RME Risk/Hazard			-	~92%	
Cumulative RME Risk/Hazard Across all Media			-	7.0E+00	5.5.54

As presented in the above table, the construction/utility worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 7.0 primarily results from inhalation exposure to manganese, and ingestion and inhalation exposure to nickel in the soils within the Northern Sludge Area. Manganese and nickel resulted in HIs greater than 1.0 on a target organ basis.

5.5.6.2 Southern Sludge Area

Industrial/Commercial Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Cobalt	Ingestion, Dermal, and Inhalation	-	9.6E-02	5.5.86
	Copper	Ingestion and Dermal	-	2.3E-01	
	Nickel	Ingestion, Dermal, and Inhalation	-	9.9E-01	
Total RME Risk/Hazard of Contributing COPCs			-	1.3E+00	
Percentage of Cumulative RME Risk/Hazard			-	~100%	
Cumulative RME Risk/Hazard Across all Media			-	1.3E+00	5.5.58

As presented in the above table, the industrial/commercial worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 1.3 primarily results from ingestion, dermal, and inhalation exposure to cobalt and nickel, and ingestion and dermal exposure to copper in the soils within the Southern Sludge Area. However, none of the COPCs have an HI of greater than 1.0.

As the cumulative HI was greater than 1.0for the industrial/commercial worker within the Southern Sludge Area, risks and hazard were re-evaluated based on soils from the 0 to 2 ft bgs. As shown in Table B.2 of Appendix B, the cumulative HI based on only the 0 to 2 ft bgs surface soils within the Southern Sludge Area is calculated to be 0.073 which is below the target HI of 1. Therefore the surface soils (0 to 2 ft bgs) are providing an adequate cover to protect the industrial/commercial worker from the underlying soils.

Construction/Utility Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Cobalt	Inhalation, Dermal, and Inhalation	-	4.4E-01	5.5.87
	Copper	Inhalation and Dermal	-	7.4E-01	
	Nickel	Ingestion, Dermal, and Inhalation	-	7.7E+00	
Total RME Risk/Hazard of Contributing COPCs			-	8.8E+00	
Percentage of Cumulative RME Risk/Hazard			-	~100%	
Cumulative RME Risk/Hazard Across all Media			-	8.8E+00	5.5.60

As presented in the above table, the construction/utility worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 8.8primarily results from ingestion, dermal, and inhalation exposure to cobalt and nickel, and ingestion and dermal exposure to copper in the soils within the Southern Sludge Area. However, only nickel resulted in an HI of greater than 1.0 on a target organ basis.

5.5.6.3 Southern Trench Area

Construction/Utility Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Copper	Ingestion and Dermal	-	4.1E-01	5.5.88
	Manganese	Inhalation	-	2.8E+00	
	Nickel	Ingestion and Inhalation	-	6.9E-01	
Total RME Risk/Hazard of Contributing COPCs			-	3.9E+00	
Percentage of Cumulative RME Risk/Hazard			-	~100%	
Cumulative RME Risk/Hazard Across all Media			-	3.9E+00	5.5.66

As presented in the above table, the construction/utility worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 3.9 primarily results from ingestion and dermal exposure to copper, inhalation exposure to manganese and ingestion and inhalation exposure to nickel in the soils within the Southern Trench Area. However, only manganese resulted in HI greater than 1.0 on target organ basis.

5.5.6.4 Southern Die Storage Area

Industrial/Commercial Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Copper	Ingestion and Dermal	-	8.8E-01	5.5.89
	Manganese	Ingestion, Dermal, and Inhalation	-	7.3E-02	
	Nickel	Ingestion, Dermal, and Inhalation	-	3.1E-01	
Total RME Risk/Hazard of Contributing COPCs			-	1.3E+00	
Percentage of Cumulative RME Risk/Hazard			-	~100%	
Cumulative RME Risk/Hazard Across all Media			-	1.3E+00	5.5.70

As presented in the above table, the industrial/commercial worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 1.3 primarily results from ingestion and dermal exposure to copper, and ingestion, dermal, and inhalation exposure to manganese and nickel in the soils within the Southern Die Storage Area. However, none of these COPCs have an HI of greater than 1.0 on a target organ basis.

As the cumulative HI was greater than 1.0 for the industrial/commercial worker within the Southern Die Storage Area, risks and hazard were re-evaluated based on soils from 0 to 2 ft bgs. As shown in Table B.4 of Appendix B, the cumulative HI based on only the 0 to 2 ft bgs surface soils within the Southern Die Storage Area is calculated to be 0.78 which is below the target HI of 1. Therefore the surface soils (0 to 2 ft bgs) are providing an adequate cover to protect the industrial/commercial worker from the underlying soils.

Construction/Utility Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Copper	Inhalation and Dermal	-	2.9E+00	5.5.90
	Manganese	Inhalation	-	9.3E-01	
	Nickel	Ingestion and Inhalation	-	2.4E+00	
Total RME Risk/Hazard of Contributing COPCs			-	6.2E+00	
Percentage of Cumulative RME Risk/Hazard			-	~100%	
Cumulative RME Risk/Hazard Across all Media			-	6.2E+00	5.5.84

As presented in the above table, the construction/utility worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 7.6 primarily results ingestion and dermal exposure to copper and thallium, inhalation exposure to manganese, and ingestion and inhalation exposure to nickel in the soils within the Southern Die Storage Area.

5.5.6.5 Northern Die Storage Area

Construction/Utility Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Cobalt	Ingestion and Inhalation	-	2.8E-01	5.5.91
	Copper	Ingestion	-	1.5E+00	
	Nickel	Ingestion and Inhalation	-	2.3E+00	
	Zinc	Ingestion	-	4.3E-01	
Total RME Risk/Hazard of Contributing COPCs			-	4.5E+00	
Percentage of Cumulative RME Risk/Hazard			-	~100%	
Cumulative RME Risk/Hazard Across all Media			-	4.5E+00	5.5.78

As presented in the above table, the construction/utility worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 4.5 primarily results from ingestion exposure to copper and zinc, ingestion and inhalation exposure to cobalt and nickel in the soils within the Northern Die Storage Area. Only copper and nickel have an HI of greater than 1.0 on a target organ basis.

5.5.6.6 Former Fuel Oil Tank Area

Construction/Utility Worker

Media	*Contributing COPC*	*Exposure Route*	*Risk*	*HQ/HI*	*Table Reference*
Soil	Copper	Inhalation and Dermal	-	1.7E+00	5.5.92
	Manganese	Inhalation	-	7.8E-01	
	Nickel	Ingestion and Inhalation	-	2.5E+00	
Total RME Risk/Hazard of Contributing COPCs			-	4.9E+00	
Percentage of Cumulative RME Risk/Hazard			-	~96%	
Cumulative RME Risk/Hazard Across all Media			-	5.1E+00	5.5.84

As presented in the above table, the construction/utility worker had no COPCs identified as major contributors to cumulative risk.

The RME cumulative HI of 5.1primarily results ingestion and dermal exposure to copper, inhalation exposure to manganese, and ingestion and inhalation exposure to nickel in the soils within the Former Fuel Oil Tank Area. It should be noted that only copper and nickel have HIs greater than 1.0 whereas manganese had an HI less than 1.0.

5.5.7 Uncertainty Analysis

The purpose of this section is to provide a summary and discussion regarding the uncertainties associated with the HHRA evaluation. The various uncertainties are discussed below in the following sections.

5.5.7.1 Sampling Procedure Bias

The sampling strategy is a factor that impacts the health evaluation for chemicals at the Site. Often in the sampling procedures, samples are taken from locations that are visibly contaminated or where contamination would be expected and not from areas of the Site that are potentially uncontaminated. This creates a sampling bias toward worst-case (higher) exposure point concentrations in the media sampled. The utilization of such biased data in the HHRA increases the conservative or health-protective nature of the health risk and hazard assessment.

The data used to estimate the 95 percent UCL (EPC for both the CT and RME scenarios) were, primarily, collected in such a biased manner. Sampling rounds generally focused on additional characterization of the more heavily contaminated areas, thus introducing a high bias in both CT and RME scenarios.

5.5.7.2 Exposure Point Concentration Estimates

Exposure point concentrations were estimated using USEPA methods. For media that were sampled directly, the uncertainty in the data is governed by sampling and analysis protocols and the statistical reduction of these data. The maximum or 95 percent UCL of the data was used in the risk assessment. These are conservative measures of the average, as defined by USEPA in their definition of the RME.

Exposure point concentrations for media that were not measured directly will have more uncertainty because they have been estimated using modeling. The uncertainty in the estimation of COPC concentration of media such as outdoor air is different for each model. CRA

used USEPA-approved models to estimate these media concentrations, and although there is uncertainty, the overall effect on the risk assessment is generally to overestimate media concentrations as a conservative method of evaluation.

COPC concentrations were assumed to remain constant over the exposure duration assumed in the risk assessment. COPC concentrations could either increase or decrease over this time.

5.5.7.3 Exposure Scenario Assumptions

This section evaluates the uncertainty associated with the primary exposure scenario assumptions such as land use and frequency of exposure. Because the assumptions used in the scenarios are often not objectively based but rather are subjective estimates based on judgment, conservatism, and experience applied to available data, the tendency is to select conservative, health-protective values to guard against under-estimating exposure (and associated risks). This leads to a general over-estimation of exposure. When each individual exposure is over-estimated, the net effect is compounded. That is, the total exposure is over-estimated to an even greater degree than the individual exposures. Exposure scenarios are, therefore, conservative in nature, and thereby provide the necessary safety factor for protection of human health. It is very likely that the calculated exposure concentrations are greater than the actual exposure concentrations.

The intent of the HHRA was to estimate the potential point exposures for both the "average" [Central Tendency (CT) or Mean] and the reasonable maximum exposure (RME) exposure scenarios. In order to accomplish this goal, a series of standardized USEPA exposure assumptions were utilized, where available and applicable. In the absence of available or applicable exposure assumptions, professional judgment was used to establish necessary assumptions protective of human health. The CT exposure scenario represents an "average" exposure scenario that is reasonably expected to occur. The RME scenario represents the reasonable maximum exposure expected to occur. The exposure scenarios (CT and RME) were developed to evaluate possible risk under both current and future land use conditions.

5.5.7.4 Dose Response

One of the major uncertainties in estimating Site-specific risk is the application of published toxicity information. Factors introducing uncertainty associated with toxicity value application are as follows:

1. Applicability of animal toxicity data - chemicals may be assumed to be human carcinogens based on animal studies even when there is limited or no available evidence that the chemical is a human carcinogen

2. Differences in chemical concentrations - CSFs are derived from high concentration animal studies and therefore may not be applicable to low concentration exposures
3. Assumptions in toxicity values (Non-carcinogenic Hazard) - RfDs are also established with conservative safety factors compared to actual studies

5.5.7.5 Theoretical Nature of Risk Estimates

A human health risk assessment assigns a numerical value to the excess probability (above background cancer rates) of a case of cancer developing in a population exposed to a specified amount of chemical that is a known or suspect carcinogen. This numerical value is presented as an upper limit excess cancer risk such as 1.0E-06, or one additional cancer case in a one million people exposed to the chemical and at the specific chemical concentration for their entire lifetime, which is assumed to be 70 years. The models that are applied to calculate the numerical risk value is typically reflect the uncertainty associated with the data sets used to estimate the slope factors so true value could be lower. The Cancer Risk Model and the assumptions used to estimate exposure are protective of the most sensitive populations. The true risk is expected to be lower than that calculated, and may quite reasonably be zero. Thus risk estimates are overestimated by the HHRA methodology itself.

5.5.7.6 Synergistic, Additive, and Antagonistic Effects

Receptor exposure to a mixture of chemicals can in some cases lead to synergistic, additive, or antagonistic health effects. Synergistic effects occur when chemicals interact in the receptor and cause an effect significantly greater than the sum of the effects of the individual chemicals. Potential synergistic effects were not evaluated in the HHRA, and thus if such effects do occur with these COPCs, it may result in an underestimation of the calculated risks and hazards. Alternatively, chemicals may interact in the receptor in such a way as to cause an overall effect that is less than the sum of effects of the individual chemicals. These potential antagonistic effects were not evaluated in the HHRA, and thus, if such effects do occur with these COPCs, it may result in an overestimation of the calculated risks and hazards.

CRA assumed that non-carcinogenic effects in the HHRA were additive, such that individual chemical non-carcinogenic hazards were added to obtain a total hazard estimate. All compounds were treated as if each could affect the receptor in a similar manner although where each COPC has a different mode of action, then presumably the resulting hazard would be non-additive. For a conservative assessment, the potential non-carcinogenic hazard ratios for each COPC were added to yield a total risk or hazard. Although the non-carcinogenic hazards for individual chemicals were aggregated, there is no basis to suspect the toxic effects

are additive. This suggests that the total calculated hazards estimated for the potential Site receptors may be higher than will actually occur.

5.6 Conclusions

Based on the information presented in the HHRA, the following conclusions are made:

1. The HHRA evaluated the human health risks/hazards for potential human exposure to COPCs in Site soil as a result of historical activities at the Site. The current zoning of the Site is industrial/commercial. The Site is currently vacant.
2. The exposure pathway evaluated based on the COPCs identified and the land use of the Site included: trespasser (adolescent), industrial/commercial worker, and construction/utility worker incidental ingestion, dermal contact, and inhalation of particulate in ambient air due to exposure with Site soil.
3. The calculated cancer risk and non-cancer hazard for the trespasser exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0, respectively within any of the areas.
4. The calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0, respectively within the Open Burn Area, Northern Sludge Area, Southern Trench Area, Northern Die Storage Area, and Former Fuel Oil Tank Area.
5. The calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5}however, did exceed the target non-cancer hazard of 1.0, respectively within the Southern Sludge Area and Southern Die Storage Area. As the cumulative non-cancer hazard for the industrial/commercial worker exposure to COPCs was above 1.0 for these two areas, the exposure was re-evaluated using soil interval of 0 to 2 ft bgs. The results of this evaluation determined that the target non-cancer HI was below 1.0 within both the Southern Sludge Area and Southern Die Storage Area. Therefore the surface soils (0 to 2 ft bgs) within both areas are providing an adequate cover to protect the industrial/commercial worker from the underlying soils.
6. The calculated cancer risk for the construction/utility worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} within any of the areas; however, the non-cancer target of 1.0 was exceeded in all areas except the Open Burn Area. Manganese and nickel within the soils were the major contributors to the hazard exceedance of 1.0 within the Northern Sludge Area. Nickel within the soils was the major contributor to the hazard exceedance of 1.0 within the Southern Sludge Area. Manganese within the soils was the major contributor to the hazard exceedance of 1.0 within the Southern Trench Area.

Copper and nickel within the soils was the major contributor to the hazard exceedance of 1.0 within the Southern Die Storage Area, Northern Die Storage Area, and Former Fuel Oil Tank Area.

Section 6.0 Level 1 Scoping Risk Assessment

This following Scoping ERA was conducted in accordance with the Ohio EPA DHWM "Guidance for Conducting RCRA Ecological Risk Assessments" March 2003.

6.1. The Relevance of the Level 1 Scoping ERA to the ERA Process

As described in the Ohio EPA guidance (OEPA 2003), ERAs are iterative analyses proceeding from conservative and simplistic default analyses to less conservative, more complicated analyses that rely on Site-specific data. The first step in the process is a Level I Scoping ERA (Level I ERA). The Level I ERA essentially determines whether there are ecological habitats, chemical releases, ***and*** complete exposure pathways between the two. At a minimum, all three factors are necessary for ecological risk to occur at, or in the vicinity of, the Site. Thus, a Level I ERA consists primarily of a Site visit and habitat assessment coupled with review of available information pertaining to the nature and extent of chemical releases at the Site.

If the Level I ERA determines that there is no potential for ecological risk as a result of Site conditions, no further action is required. If the Level I ERA indicates that ecological risk potentially exists at the Site, the ERA should proceed to a Level II Screening ERA. A Level II Screening ERA screens existing Site data against conservative ecological screening values (ESV). In turn, the screening analysis identifies chemicals of potential ecological concern (COPEC), evaluates potentially impacted aquatic habitats, completes a list of ecological receptors, and refines the ecological CSM.

If ecological risk cannot be dismissed based on this analysis, then a Level III Baseline ERA would be conducted, and if necessary, a Level IV Field Baseline ERA as well. A Level III Baseline ERA consists of four tasks: 1) exposures assessment, 2) toxicity assessment, 3) risk characterization, and 4) uncertainty analysis. A Level IV Field Baseline ERA, if necessary, consists of (but is not limited to) more refined and Site-specific analyses such as tissue analysis/bioaccumulation studies, population/community assays, and toxicity tests.

In general, each step in the ERA process ends with a science management decision point (SMDP). These SMDPs can produce one of three conclusions:

1. Risks are acceptable, and no further action is warranted
2. Risks are unacceptable, and remediation is warranted
3. Risks are uncertain, and further ERA analyses are warranted

6.2 Existing Data Summary

The following presents a brief summary of existing data with respect to Site History and the nature and extent of potentially hazardous substances. More detailed site history and background information can be found in previous sections of this report and "Site Summary Report"(CRA 2007).

6.2.1 Site Location and Physical Setting

The Site is located east and southeast of the Northern Ohio Industrial Park at 1400 Lowell Street in Elyria, Lorain County, Ohio. In total, the Site is about 92.5 acres. About 4.5 acres of the Site are taken up by a closed landfill (EPA ID NO. OHD004201091). Topography on the Site ranges from approximately 750 feet above mean sea level in the western portion of the Site to approximately 742 feet in the northeastern portion of the Site.

An aerial photograph provided as Figure 6.1 shows that the Site consists of mature forest in the southern portion, upland meadow in disturbed areas in the northern and southern portions, and wetland areas in the eastern and northeastern portions of the Site. Some of the upland meadow is mowed whereas other parts are naturalizing as old field habitat or thicket. Small drainage ditches occur on the Site that discharge offsite to the east via a storm drain system and to the north via a railroad side ditch. The Site is approximately 100 acres in size and is bounded to the west and north by commercial / industrial areas and railroad tracks, agricultural areas to the south, and relatively mature forest to the east.

As shown on the NRCS Web Soil Survey (Figure 6.2), the following soil series are mapped on the Site:

- BtB: Bogart loam; 2 to 6 percent slopes; moderately well drained; unknown hydric
- FcA: Fitchville silt loam; 0 to 2 percent slopes; somewhat poorly drained; partially hydric
- HsA: Haskins loam; 0 to 2 percent slopes; somewhat poorly drained; partially hydric
- HtA: Haskins-Urban land complex; nearly level; somewhat poorly drained; partially hydric
- Ly: Luray silty clay loam; very poorly drained; hydric
- Mo: Mermill loam; very poorly drained; partially hydric
- Mr: Miner silty clay loam; very poorly drained; partially hydric

The northern half of the Site is mapped as Haskins-Urban land complex (HtA). The majority of the southern half of the Site is mapped as Luray silty clay loam (Ly). Bogart loam (BtB), Haskins loam (HsA), Mermill loam (Mo) and Miner silty clay loam (Mr) are mapped in the western portion of the southern half of the Site. With the exception of Luray silty clay loam, which is listed as hydric, and Bogart loam which is listed as unknown hydric, the remainder of the soil series mapped on the Site are listed as partially hydric. Soils classified as partially hydric may contain inclusions of other soil series that are listed as hydric and are typically located within depressions.

The National Wetland Inventory (NWI) map for the Site (Figure 6.3) indicates the presence of palustrine forested wetlands. The map indicated there may be broad-leaved deciduous, seasonally flooded (PFO1C) wetlands in the southwest corner of the Site. There may also be palustrine scrub-shrub, broad-leaved deciduous, seasonally flooded (PSS1C) wetlands in the southeast corner of the Site. CRA's site visit on October 4, 2011 confirmed the presence of the PFO1C wetlands in the southwest corner of the Site, as well as the presence of a vernal pool in the vicinity. CRA's site visit did not confirm the presence of PSS1C wetlands in the southeast corner of the Site. However, CRA did observe a vernal pool in this portion of the Site. CRA also observed the presence of PFO1C / PSS1C offsite to the east.

A Site Plan showing the existing features and site drainage is provided as Figure 6.4.

6.2.2 Current and Future Site Land Use

Except for the approximately 5 acres that are the footprint of the closed landfill, the current land use is fallow. Although the land is zoned commercial/industrial, there are no plans to develop the land in the near future. Thus, the reasonably expected future uses are as fallow land. There are no current uses of the groundwater or surface water from the Site.

6.3 Known or Suspected Hazardous Substance Releases

As described above, northern parts of the Site were used for temporary storage of metal contaminated sludge and contained a large fuel oil tank. Dies and equipment were also stored on site, and the latter were washed there with solvents. Therefore, a number of hazardous materials could have been released during these activities. The following subsections summarize what is known about the current extent and distribution of chemicals on the Site.

6.3.1 Soil

While a small number of soil and sub-soil samples have been taken at the Site (e.g., see Figure 4 of Site Summary Report CRA 2007), very few pertain to surface soil layers (the top foot or so), which are of most relevance to ecological risk. In 1990, the USEPA conducted a screening site inspection (SSI) and collected sub-soil samples from each of three areas (Open Burn Area, Northern Sludge Area, and Southern Sludge Area). The USEPA soil samples contained a number of Target Analyte List (TAL) and Target Compound List (TCL) compounds with concentrations above Site background levels (Ecology, 1991).

6.3.2 Surface Water and Sediments

As far as could be determined, no surface water or sediment samples have been collected from the Site. Surface water resources at the Site are very meager and potentially ephemeral. There may have been two sub-soil samples taken from the Northern Sludge area, samples S-3 and S-4 (see Figure 4 and 5 of CRA 2007). Sample S-3 was taken 2 to 2.5 feet below ground surface, while S-4 was taken 1 ft below the ground surface. Both of these samples, especially S-4, have high levels of antimony (385 mg/kg), cadmium (20.9 mg/kg), chromium (34,500 mg/kg), copper (12,800 mg/kg), and nickel (24,300 mg/kg). Both samples are also probably in the large ר-shaped wetland area in the Northeastern part of the Site (see section 6.3. below), so these samples are actually sub-sediment samples.

Currently, the drainage system from the Landfill collects surface water from the landfill surface. This water is collected passively and then conveyed, at an NPDES discharge location, to the downstream portion of the central drainage ditch, which runs running east-west across the Site. Sampling of this collected water for NPDES permitting shows that it meets these limits, which should be protective of aquatic life. The central drainage ditch does not constitute significant aquatic habitat. Moreover, a short distance downstream of the NPDES discharge, the ditch water discharges offsite to the east via an underground storm drain system.

6.3.3 Groundwater

Groundwater has been investigated during the RFI. A number of VOCs and heavy metals have been detected in the Site's groundwater. Groundwater flows mostly to the east, and migration is controlled by the existing storm water sewer network along the middle eastern site boundary (e.g., see Figure 2 and 3 of CRA 2007). Thus, groundwater likely does not discharge to surface waters or marshes at the Site.

6.3.4 Contaminants of Interest

The primary contaminants of interest at the site are heavy metals, notably antimony, chromium (both trivalent and hexavalent), copper, and nickel in soil. Chlorinated VOCs are also found in groundwater, although these VOCs are typically more problematic in terms of human health than ecological risk.

6.3.5 Rare/Threatened/Endangered Species

As per OEPA guidance, the potential presence of threatened and endangered (T&E) species was considered. CRA submitted letters to the Ohio Department of Natural Resources (ODNR), Division of Wildlife and to the U.S. Fish & Wildlife Service (USFWS) on October 12 and October 19, 2011. These letters requested information related to documented occurrences of state or federally listed threatened, endangered, rare or candidate plant or animal species in the vicinity of the Site.

In a response dated October 13, 2011, the ODNR indicated that they are unaware of any of the following at or within a one-mile radius of the Site: unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks, forests or national wildlife refuges

In a correspondence dated October 25, 2011, the USFWS indicated that the Site lies within the range of the Indiana bat (*Myotis sodalis*), which is a federally listed endangered species. Because the bat sleeps under the bark of mature trees, the USFWS recommended that upland woodlots and associated trees should be saved wherever possible. Since this project is not proposing any earth disturbance, there will be no impacts to the Indiana bat or its habitat.

The USFWS correspondence indicated that the Site lies within the range of the piping plover (*Charadrius melodus*) and Kirtland's warbler (*Setophaga kirtlandii*). Both are federally listed endangered species. The Site also lies within the range of the bald eagle (*Haliaeetus leucocephalus*), a federally protected species. However, due to the project type, location, and onsite habitat, the piping plover and bald eagle would not be expected within the project area and no impacts to these species are expected. The USFWS recommended that precautions be taken to avoid impacting the Kirtland's warbler from late April through May and from late August to early October during their migration period. Since this project is not proposing any earth disturbance, there will be no potential for impacts to the Kirtland's warbler or its habitat.

Copies of the ODNR and USFWS correspondence are provided in Appendix B.

6.4 Site Visit and Onsite Habitat Characterization

As part of the ERA, CRA conducted a site visit in order to evaluate the presence or absence of important ecological resources and receptors on the Site. Two ecologists, Dr. Daniel Smith[1] and Christine Potts[2], visited the Site on October 4, 2011. This narrative provides a summary of CRA's assessment of on-site habitats. The habitats present on the Site are shown on the Habitat Cover Type Map (Figure 6.5) and are discussed in further detail in the following paragraphs. Color photographs depicting the habitat cover types and overall site conditions are provided in Appendix A. Table 6.1 lists the species occurring within each habitat cover type.

6.4.1 Onsite Habitat Cover Types

6.4.1.1 Mature Deciduous Woods

Mature upland forest occurs in the southern portion of the Site and consists primarily of red maple (*Acer rubrum*), white ash (*Fraxinus americana*), northern red oak (*Quercus rubra*), white oak (*Quercus alba*), sycamore (*Platanus occidentalis*), shagbark hickory (*Carya ovata*), American basswood (*Tilia americana*), Japanese privet (*Ligustrum obtusifolium*), Japanese honeysuckle (*Lonicera japonica*), multiflora rose (*Rosa multiflora*) and poison ivy (*Rhus radicans*). The herbaceous vegetation is sparse due to dense shading by the overstory canopy and consists of Virginia creeper (*Parthenocissus quinquefolia*) and jumpseed (*Polygonum virginianum*). Grazing by deer, which are apparently abundant, may also reduce ground cover. In the upland woods in the westernmost portion of the Site, the larger trees have been logged from the area.

6.4.1.2 Forested Wetlands/Vernal Pools

A small area of forested wetlands occurs in the northern portion of the Site, north of the central drainage ditch and west of the existing railroad tracks. This area was sparsely vegetated and appeared to be seasonally wet.

Forested wetlands also occur along the western and southern site boundaries. The overstory is comprised of red maple, green ash (*Fraxinus pensylvanica*), swamp white oak (*Quercus bicolor*), and slippery elm (*Ulmus rubra*). The understory consists of multiflora rose and greenbrier (*Smilax rotundifolia*). Herbaceous vegetation is sparse due to dense shading by the overstory canopy and consists of jumpseed, lady's thumb (*Polygonum persicaria*), fox sedge (*Carex vulpinoidea*), and Gray's sedge (*Carex grayi*).

[1] Dr. Smith is an ecologist with a BS in Molecular Biology, M. S. In Zoology, and Ph.D. in Limnology.
[2] Ms. Potts is a wetlands scientist with a B.S. in Environmental Science and a M.S. in Aquatic Biology.
Both have extensive experience in ecological risk assessments and habitat evaluations.

A few vernal pools were observed in the southern portion of the Site. These areas contained standing water up to 8 inches deep, were predominately unvegetated, and had a clay substrate.

6.4.1.3 Upland Meadow and Thicket

Upland meadow habitat occurs in previously disturbed areas in the northern and southern portions of the Site (historical sludge disposal areas). Some of the upland meadow is mowed whereas other parts are naturalizing as old field or thicket. Vegetation in the meadow habitat consists of Autumn olive (*Elaeagnus umbellata*) and eastern cottonwood (*Populus deltoides*) saplings, goldenrods (*Solidago* spp.), common dandelion (*Taraxacum officinale*), English plantain (*Plantago lanceolata*), wild carrot (*Daucus carota*), yarrow (*Achillea millefolium*), Canada thistle (*Cirsium arvense*), yellow wood sorrel (*Oxalis europaea*), foxtail grass (*Setaria* sp.), as well as other grasses.

Vegetation in the thicket habitat, which occurs primarily in the former open burn area, consists of autumn olive saplings, gray dogwood (*Cornus racemosa*), common blackberry (*Rubus allegheniensis*), Japanese honeysuckle (*Lonicera japonica*), Canada thistle, teasel (*Dipsacus sylvestris*), intermediate dogbane (*Apocynum medium*), common milkweed (*Asclepias syriaca*), and white snakeroot (*Eupatorium rugosum*).

6.4.1.4 Mowed Lawn

An existing RCRA closed landfill occurs in the west-central portion of the Site. The landfill contains solidified wastewater treatment sludge from the historical electroplating operations on the Site. The habitat in the landfill area consists of mowed lawn which is composed of Kentucky bluegrass (*Poa pratensis*), crabgrass (*Digitaria sanguinalis*), English plantain, crown vetch (*Coronilla varia*), red clover (*Trifolium pratense*), common dandelion and foxtail grass.

A stormwater collection system, consisting of a series of rip-rap lined ditches, collects stormwater runoff from the landfill and discharges to the open ditch in the central portion of the Site. This ditch is discussed in the following section.

6.4.1.5 Wooded Hedgerow/Open Drainage Ditches

Several intermittent, open drainage ditches occur on the Site. The central ditch collects stormwater runoff from the railroad tracks to the north and from the stormwater collection system on the landfill. The central ditch flows east across the central portion of the Site within a wooded hedgerow consisting of gray dogwood, autumn olive, eastern cottonwood, white ash, and northern red oak. The eastern ditch is primarily an unvegetated depression that flows north within wooded uplands, adjacent to the eastern site boundary, and eventually joins the

central ditch at an existing sump. At this location, both the central and eastern ditches discharge offsite to the east via an underground storm drain system.

The open ditch in the northeast portion of the Site flows north-northwest along the west side of the existing railroad tracks. The ditch ends at the gravel railroad bed at the northeast corner of the Site, but very small flow of water was detected at the other end (the north) of the railroad bed. After this, the water discharges offsite to the north to a drainage ditch/creek that travels just north of the property and just south of the bank of railroad tracks to the north. The drainage ditch/creek eventually flows northeast into an offsite pipe, which apparently continues east toward the Black River alongside the tracks.

6.4.1.6 Areas of Ponded Water

A few areas of ponded water adjoin the open ditch in the northeast portion of the Site, west of the railroad tracks. Another area of ponded water adjoins the open drainage ditch in the southeastern portion of the Site. The vegetation in these ponded areas consists of black willow (*Salix nigra*), broad-leaved cattail (*Typha latifolia*), reed canary grass (*Phalaris arundinacea*) and duckweed (*Lemna* sp). Both ponded areas were very small and shallow. Water depth in both was probably less than 2 feet deep.

6.4.1.7 Emergent and Scrub-Shrub Wetlands

Emergent and scrub-shrub wetlands occur in the northeast portion of the Site and adjoin the open drainage that flows north-northwest to the west of the existing railroad tracks. These wetlands are composed primarily of black willow, multiflora rose, reed canary grass, broad-leaved cattail, common rush (*Juncus effusus*) and soft-stemmed bulrush (*Scirpus validus*).

6.4.1.8 Sparsely Vegetated Areas

Sparsely vegetated areas occur on and along the existing concrete pads, railroad tracks and gravel access roads. The vegetation in these areas consists of path rush (*Juncus tenuis*), common reed, eastern cottonwood (saplings) and common mullein (*Verbascum thapsus*).

6.4.1.9 Wildlife Observed on the Site

During CRA's October 4, 2011 site visit, wildlife observed on the Site were those typical of the habitats present and included white-tailed deer (*Odocoileus virginianus*), groundhog (*Marmota monax*), eastern gray squirrel (*Sciurus carolinensis*), eastern cottontail rabbit (*Sylvilagus floridanus*), blue jay (*Cyanocitta cristata*), northern cardinal (*Cardinalis cardinalis*), chipping sparrow (*Spizella passerina*), American robin (*Turdus migratorius*), Carolina wren (*Thryothorus*

ludovicianus) and tufted titmouse (*Parus bicolor*). CRA also observed a pickerel frog (*Rana palustris*) along the drainage ditch in the northeastern portion of the Site and heard spring peepers (*Hyla crucifer*) calling from the emergent wetlands in this portion of the Site.

6.5 Site Visit Summary

As described above, about 1/3rd of the Site is relatively undisturbed forest south of the landfill site. There is no historical record that wastes were ever placed in these forested areas, and no evidence of dumping was observed during the field visit. Much of the northern two-thirds of the Site however was used to store sludge or is now taken up by the landfill. The former sludge pond areas are now densely vegetated. There was no evidence of phytotoxicity or areas of stressed or absent vegetation. Most of the former two sludge areas is now upland meadow habitat, which is now transitioning to old field/thicket habitat. However, portions of the northern sludge area are apparently mowed and are densely vegetated with herbs and grasses. The southern sludge area abuts a wet area and a very small, very shallow pond. The eastern edge of the northern sludge area is an emergent scrub-shrub wetland and is contiguous to the open water ditch and small ponded area.

Even though it had rained about 4 inches in the week prior to CRA's field visit, the extent of ponded water areas was very small. The maximum water depths of these areas were also small, less than 2 feet. Nonetheless, the standing water in the deeper parts of ponded and wetter areas is probably semi-permanent since they were vegetated with marsh species (e.g., cattail, rush, duckweed). At the same time, the ponded areas and ditches are probably too small and isolated to support even very small fish, and none were noted in the Site Visit.

The surface water drainage from the lower half of the Site is collected in a storm drain that exits toward the Black River. Groundwater from much of the Site is also drawn to this location (Figures 2 and 3 of CRA 2007). Since the water in the catch basin was 6 to 10 feet below the ground surface, the terminus of this storm drain collection system had to be some distance to the east. Most likely, it hooks into storm drains in urbanized areas to the east, which discharge to the West Fork of the Black River. Drainage from the lower half of the upper portion of the Site apparently also travels via groundwater flow to the southeast, probably draining into the same stormwater sump.

However, some of the drainage from the upper part of the northern half of the Site likely drains, again by groundwater flow, to the drainage ditch/creek to the north. On the day of the Site walk, very slight flow to the north was noted in the ditch in the northeast portion of the Site. However, the water filled ditch ended at the gravel railroad bed at the northeastern corner of the Site. A very small amount of water was seen exiting the opposite (northern) end

of the gravel railroad bed, suggesting that the ditch water was traveling from south to north through the fine gravel and sand of railroad bed. After this, the very small flow of water continued to the drainage ditch/creek running west-east along the bank of the railroad tracks.

According to Ohio ERA guidance, ecologically important areas are those that are protected by law or serve some important ecological function. Although no formal wetland delineation was conducted, several on-Site areas are likely wetlands and, thus, would be classified as ecologically important areas. These areas had standing water, primarily wetland vegetation, and based on maps from the Soil Conservation Service, hydric or partially hydric soils. These likely wetland areas included the ㄱ-shaped area, approximately 8 acres, of emergent and scrub/shrub wetland in the northeast of the Site. This also includes the very small pond (<1/10th acre) adjacent to the Southern sludge area (Figure 6.5). There were also some small areas of forested wetland at the periphery of the Southern portion of the Site (Figure 6.5), and some wet areas associated with the drainage ditches. Except for the ㄱ-shaped area, all of these wetland areas are very small.

6.6 Identification of Complete Exposure Pathways between Site-Related Chemicals and Ecologically Important Resources

The intent of the Ohio EPA guidance is that the Phase I Scoping Assessment should, if warranted, determine that Sites with little potential for ecological risks be dismissed from further consideration. Thus, an explicit prerequisite for conducting a Level II ERA is that important ecological resources are potentially influenced by the Site's chemicals. This requires that the following three phenomena co-occur:

1. Occurrence of Important Ecological Resources on or near Site
2. Occurrence of hazardous substances at the Site
3. Complete exposure pathways between 1 and 2

According to the available information, conditions 1 and 2 are both true for the Site. There are wetlands on the Site, and there are also hazardous chemicals as well. However, the sampling of soil, surface water, and sediments is not sufficient to determine whether there are complete exposure pathways between these two. At the same time, the close proximity of the Southern and Northern Sludge Areas to wetlands constitutes circumstantial evidence that exposure pathways are complete. Moreover, the very limited sampling of surficial material, although usually in subsurface material below the top 1 foot to which ecological receptors are exposed, in these two Sludge areas suggest that high levels of certain metals, especially antimony, chromium, copper, and nickel, remain in subsurface material in both Sludge Areas. This very limited information also suggests that exposure pathways may be complete. However, the

absence of samples in biologically relevant strata of the sediments, usually assumed to be the top 2 to 6 inches, or in surface water precludes certainty about whether exposure pathways are complete.

6.7 Conclusions of the ERA

To be conservative, Ohio guidance suggests that uncertainty about the completeness of exposure pathways should be treated the same as compelling evidence that pathways are complete. That is, uncertainty should produce a recommendation to proceed to a Level II ERA. Strictly following this guidance, then, the available evidence would potentially require that a Level II ERA should be done.

At the same time, the following five factors should be noted. First, the on-site wetlands (wet meadow, scrub-shrub, and very shallow marsh) that could potentially be affected by metals contamination are all densely vegetated. Only very small areas of open water noted during our survey, even though the Site-survey occurred after a rainy period. As with the wet areas, these open water areas were also densely vegetated with submerged vegetation. Thus, the primary ecological function of these sensitive ecological areas is habitat for wetland plants. As illustrated by the dense and apparently complete vegetative cover, none of these sensitive showed any evidence of phytotoxicity (e.g., stressed vegetation, bare spots, etc.) On the contrary, plant growth was thick and robust. Hence, no apparent impacts on this most important ecological function were noted during the survey.

Second, while densely vegetated, shallow wetlands will support a variety of aquatic biota (e.g., mosquitoes) and semi-aquatic animals (amphibia), the animal communities of densely vegetated wetlands tend to be dominated by ephiphytic and water column species (Smith and Cooper 2011). As such, these species are not highly exposed to sediment contamination, where heavy metals typically sequester. Consequently, much of resident fauna of the on-site wetland ecosystems would not be significantly exposed to high concentrations of metals, even if they do occur in sediments in these wetlands.

Third, none of these metals bioaccumulate readily in food chains. There is therefore reduced potential for impacts to herbivorous animals feeding on wetland vegetation, even if underlying sediments were highly contaminated.

Fourth, very dense vegetation, and lack of above ground outlet channels for the northern wetland, greatly reduced the potential for off-site transport of metals to more sensitive downstream aquatic systems.

Fifth, it is doubtful whether further ERA analyses would, or should, lead to any action even if those additional analyses demonstrated that sediment contamination occurred and was causing ecological risks. Besides the costs of additional sampling and ERA analyses, remediation of these wetlands would be expensive and could cause interim ecological damages to the wetland plant community and its attendant biota. These certain costs of remediation would have to be balanced against the potential benefits of remediation. The latter are likely to be limited to increased health of the relatively unimportant infaunal macroinvertebrate community, even if ecological risks were found to be unacceptable. Given that RACER funds for all investigation and remediation are limited, the uncertainty about potential ecological impacts in these wetlands must be considered in the context of potential impacts posed by other risks at this Site and at other RACER sites.

For these reasons, we make no recommendation about whether more sampling and analyses are warranted. This decision is most appropriately an issue of risk management and public policy. As risk manager and, potentially, also the source of funding for additional ERA analyses, OEPA should make this decision based on the evidence provided above.

Section 7.0 Summary and Conclusions

The RFI included field investigations at the following 9 AOIs, as described in the RFI Work Plan:

- AOI 1 – Open Burn Area
- AOI 2 – Northern Sludge Area
- AOI 3 – Southern Sludge Area
- AOI 4 – Northern Trenches Area
- AOI 5 – Southern Trenches Area
- AOI 6 – Northern Die Storage Pad Area
- AOI 7 – Southern Die Storage Pad Area
- AOI 8 – Former Fuel Oil Tank Area
- AOI 9 – Sitewide Groundwater

The objective of the field investigations was to determine whether a significant release of hazardous constituents to soil had occurred from these AOIs.

For areas where a potentially significant release was identified, further phases of field investigations to characterize the nature and extent of the releases were conducted under

additional work plans. The findings from the field investigations are discussed in Section 4.0 of this Report. The potential health significance of the constituents found in soil was evaluated in a human health risk assessment and a Level 1 ecological risk assessment. The results of the human health risk assessment are discussed in Section 5.0 of this Report and the results of the Level 1 ecological risk assessment are discussed in Section 6.0 of this Report.

7.1 Summary of AOI Results

AOI 1 - Open Burn Area

AOI 1 is located in the north central portion of the Site. This area is approximately 4.8 acres in size. This area was used for open burning and placement of general facility trash from 1947 to 1974. Materials were burned and/or placed in this area. This area is now covered with soil and is overgrown.

After a thorough review of the available information, RACER has concluded that AOI 1 has not been used for disposal of waste. Only two of the fourteen borehole logs for AOI 1 make any mention of blue/gray clay and then only in trace amounts. The upper two feet of soil within AOI 1 appear to be providing an adequate cover to protect the industrial/commercial worker from the underlying soils.

The HHRA concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0 within the OBA. Since the material in AOI 1 does not exceed risk targets, no further action is required.

AOI 2 - Northern Sludge Area

AOI 2 is located in the northeastern portion of the Site. This area is approximately 6.8 acres in size. This area was used for placement of WWTP sludges from 1956 to 1967. Approximately 25,000 cubic yards of material were placed within AOI 2. Currently this area is overgrown.

AOI 2 has been used historically for waste disposal. Thirteen of fifteen borehole logs for AOI 2 indicate the presence of a turquoise-blue sand layer. The turquoise-blue sand was identified at the one foot interval in two borehole logs, at the two foot interval in five borehole logs, at the three foot interval in six borehole logs, and at the five foot interval in six borehole logs. Multiple borehole logs identify two separate layers of turquoise-blue sand generally in the upper three feet and once again at five feet bgs. The turquoise-blue sand layer is indicative of historical waste disposal at the Site.

The HHRA concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0, respectively within AOI 2. Since the material in AOI 2 does not exceed risk targets, no further action is required.

However, RACER is evaluating the need for additional cover over portions within AOI 2. After review, it appears that only the northern half of AOI 2 will require an additional one foot of cover.

AOI 3 - Southern Sludge Area

AOI 3 was used for placement of WWTP sludges from 1972 to 1977. Approximately 40,000 cubic yards of material were placed within AOI 3. AOI 3 is located in the east central portion of the Site. The SSA is approximately 6.5 acres in size and is currently overgrown with vegetation.

AOI 3 has been used historically for waste disposal. Ten of twenty-one borehole logs for AOI 3 indicate the presence of blue or grayish blue clay. The bluish clay layer was located, in general, from two to six feet below ground surface (bgs). The bluish clay layer is indicative of waste disposal at the Site. However, after a thorough review of the available information, RACER has concluded that AOI 3 has a minimum of two feet of clean material covering the area. Borehole logs for this area do not indicate any waste disposal in the upper two feet in any of the soil borings.

CRA's Human Health Risk Assessment (HHRA) concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to chemicals of potential concern (COPCs) in soils did not exceed the target cancer risk of 10^{-5} however, did exceed the target non-cancer hazard of 1.0, within AOI 3. As the cumulative non-cancer hazard for the industrial/commercial worker exposure to COPCs was above 1.0 for this area, the exposure was re-evaluated using soil interval of 0 to 2 ft bgs. The results of this evaluation determined that the target non-cancer HI was below 1.0 within AOI 3. Therefore the surface soils (0 to 2 ft bgs) within this area are providing an adequate cover to protect the industrial/commercial worker from the underlying soils and AOI 3 poses no unacceptable risk. Deed restrictions will be used to ensure this cover is maintained.

AOI 4 - Northern Trench Area

AOI 4 is located in the northwestern portion of the Site. This area is approximately 0.8 acre in size. AOI 4 does not appear to have been used for waste disposal. The initial round of soil sampling concluded that AOI 4 poses no unacceptable risk to the Site.

AOI 5 - Southern Trench Area

AOI 5 is located in the west central portion of the Site. This area is approximately 0.7 acre in size.

After a thorough review of the available information, AOI 5 has been used historically for waste disposal. Three of the nine borehole logs for AOI 5 indicate layers of slag and blue/gray clay within the upper two foot interval. These layers ranged from 0.6 to 2 feet in thickness. The bluish clay layer is indicative of waste disposal at the Site.

The HHRA concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0, respectively within AOI 5. Since the material in AOI 5 does not exceed risk targets, no further action is required.

However, RACER is evaluating the need for additional cover over portions of AOI 5 where "hot Spots" were located within the upper two foot interval.

AOI 6 - Northern Die Storage Pad

AOI 6 is located in the west central portion of the Site and is approximately 0.8 acres in size. AOI 6 is located on the north side of the railway spur and was used to store dies. There is no known evidence of waste disposal associated with AOI 6.

After a thorough review of the available information, AOI 6 contains some areas of historical waste disposal. The area of waste disposal appears to include the majority of the eastern portion of the area investigated. Thirteen of the seventeen borehole logs for AOI 6 mention either a blue or rust color to the soil within the upper six feet. It appears that the blue and/or rust color in the soils is indicative of waste disposal. Several borehole logs indicate the blue and/or rust discoloration in the upper two foot interval.

The HHRA concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0, respectively within AOI 6. Since the material in AOI 6 does not exceed risk targets, no further action is required.

However, RACER is evaluating the need for additional cover over portions of AOI 6 where "hot Spots" were located within the upper two foot interval.

AOI 7 - Southern Die Storage Pad

AOI 7 is located in the west central portion of the Site and is approximately 0.8 acres in size. AOI 7 is located on the south side of the railway spur and was used to store dies. There is no known evidence of waste disposal associated with AOI 7.

After a thorough review of the available information, AOI 7 contains impacted soil and not buried waste. The majority of AOI 7 is covered with a concrete pad and most of the borehole logs indicate fill and crushed gravel in the upper four to six feet. Only three of the twelve borehole logs for AOI 7 mention a blue color to the soil and then only in trace amounts.

The HHRA concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} however, did exceed the target non-cancer hazard of 1.0, within AOI 7. As the cumulative non-cancer hazard for the industrial/commercial worker exposure to COPCs was above 1.0 for this area, the exposure was re-evaluated using soil interval of 0 to 2 ft bgs. The results of this evaluation determined that the target non-cancer HI was below 1.0 within AOI 7.

Therefore, the surface soils (0 to 2 ft bgs) within this area are providing an adequate cover to protect the industrial/commercial worker from the underlying soils and AOI 7 poses no unacceptable risk. Deed restrictions will be used to ensure this cover is maintained.

AOI 8 - Former Fuel Oil Tank

AOI 8 is located in the northwestern portion of the Site. This area covers approximately 1.5 acres. This area included the former 2,310,000-gallon fuel oil tank and the earthen dyke that surrounded the tank.

After a thorough review of the available information, AOI 8 was used historically for disposal of waste. Ten of the twelve borehole logs for AOI 8 indicate layers of slag and blue/gray clay within the upper four feet. The blue/gray clay layer is indicative of historical waste disposal at the Site. However, the area of waste disposal within the upper two feet appears to follow the path between BH65-13 through BH69-13 only. This is the only area within AOI 8 that identified waste disposal within the upper two feet.

The HHRA concluded that the calculated cancer risk and non-cancer hazard for the industrial/commercial worker exposure to COPCs in soils did not exceed the target cancer risk of 10^{-5} and target non-cancer hazard of 1.0 within AOI 8. Since the material in AOI 8 does not exceed risk targets, no further action is required.

However, RACER is evaluating the need for additional cover over portions of AOI 8 where "hot Spots" were located within the upper two foot interval.

AOI 9 – Sitewide Groundwater

Eight rounds of groundwater sampling were completed through 2014. Groundwater exceeded the MCLs in each of the eight sampling events. Two areas of groundwater contamination are evident; 1) off-site and extending on-Site in the vicinity of the former WWTP and 2) adjacent to the Southern Former Die Storage Area (AOI-7). The off-Site migration of volatile organic compounds in groundwater is prevented, in part by the existing storm-sewers.

Because groundwater concentrations exceed MCL at one or more locations, potential exposure through future use of groundwater as a potable source is assumed to result in unacceptable risk. There are no habitable structures currently on-Site. However, due to the presence of volatile organic compounds in shallow groundwater at the upgradient property boundary, the potential for unacceptable vapor intrusion is assumed unless otherwise demonstrated prior to future construction.

7.2 Recommendations

Based on the findings and conclusions of the RFI, RACER plans to proceed with the following:

1. Submit a restriction for the use of groundwater to the property deed.
2. Submit a soil mitigation plan to protect future construction/utility workers.
3. Submit a restriction to the property deed to restrict disturbing soil cover over the AOIs.
    - Develop a plan to remove and dispose potential “hot spots” of surface sludge should they occur.
4. Develop a groundwater monitoring plan for the stability or improvement monitoring of sitewide groundwater conditions.

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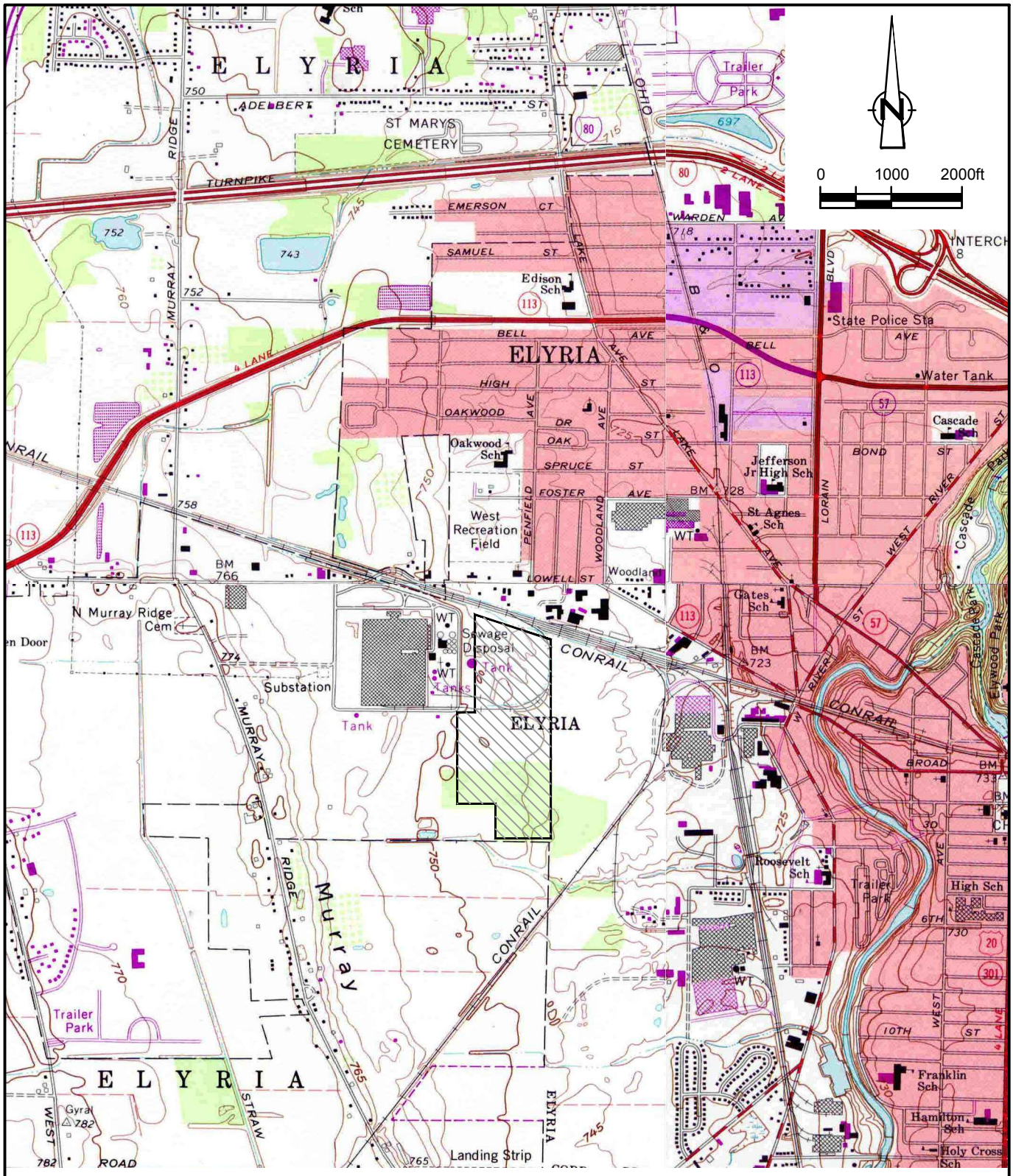


SOURCE: USGS QUADRANGLE MAPS;
AVON, GRAFTON, LORAIN & OBERLIN, OHIO

LEGEND

RACER PROPERTY

figure 2.1.1

SITE LOCATION
RACER
Elyria, Ohio

12616-T02(048)GN-WA035 APR 6/2015

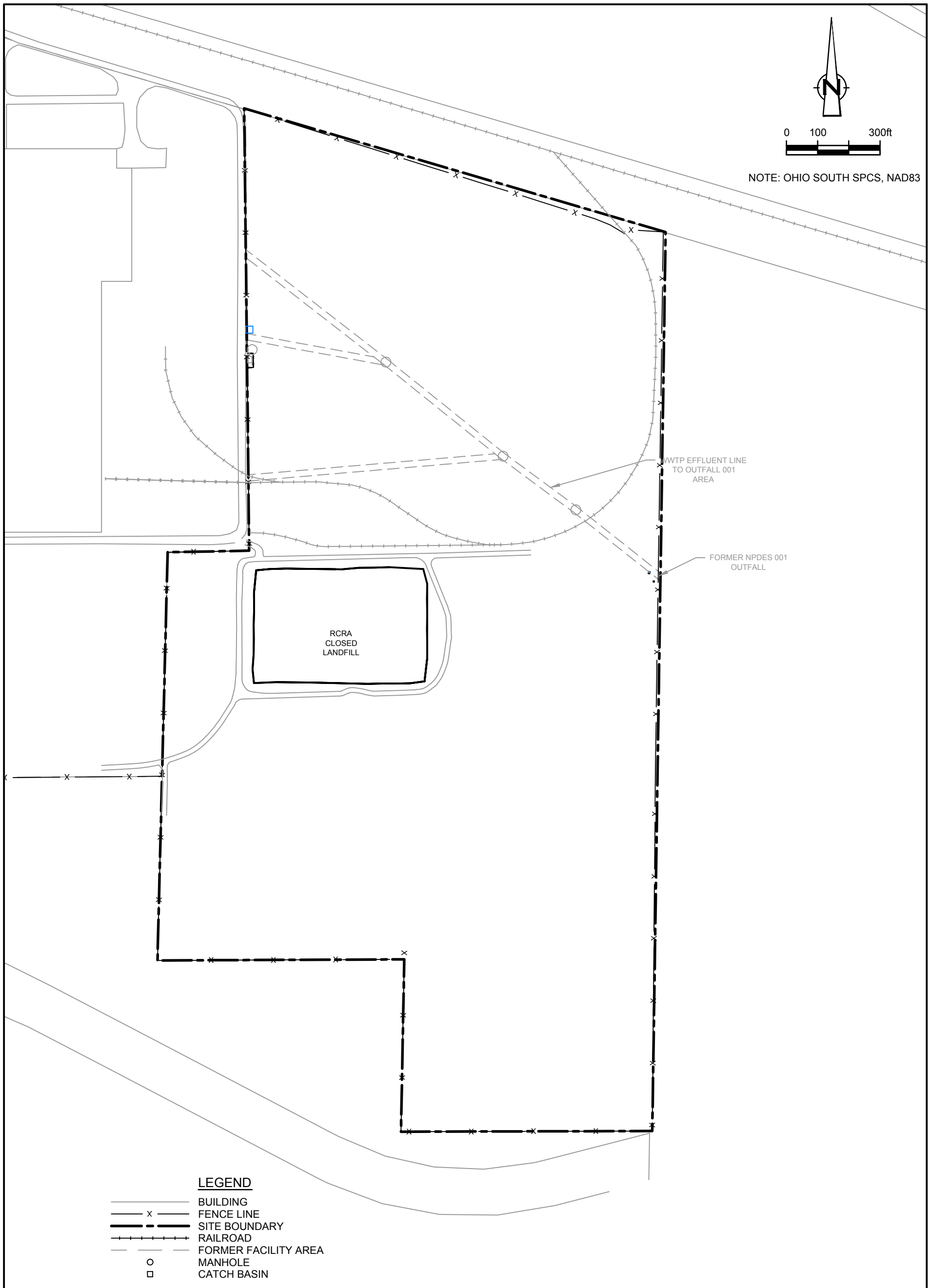


figure 2.1.2

CURRENT SITE LAYOUT
RACER
Elyria, Ohio

12616-T02(048)GN-WA036 APR 6/2015

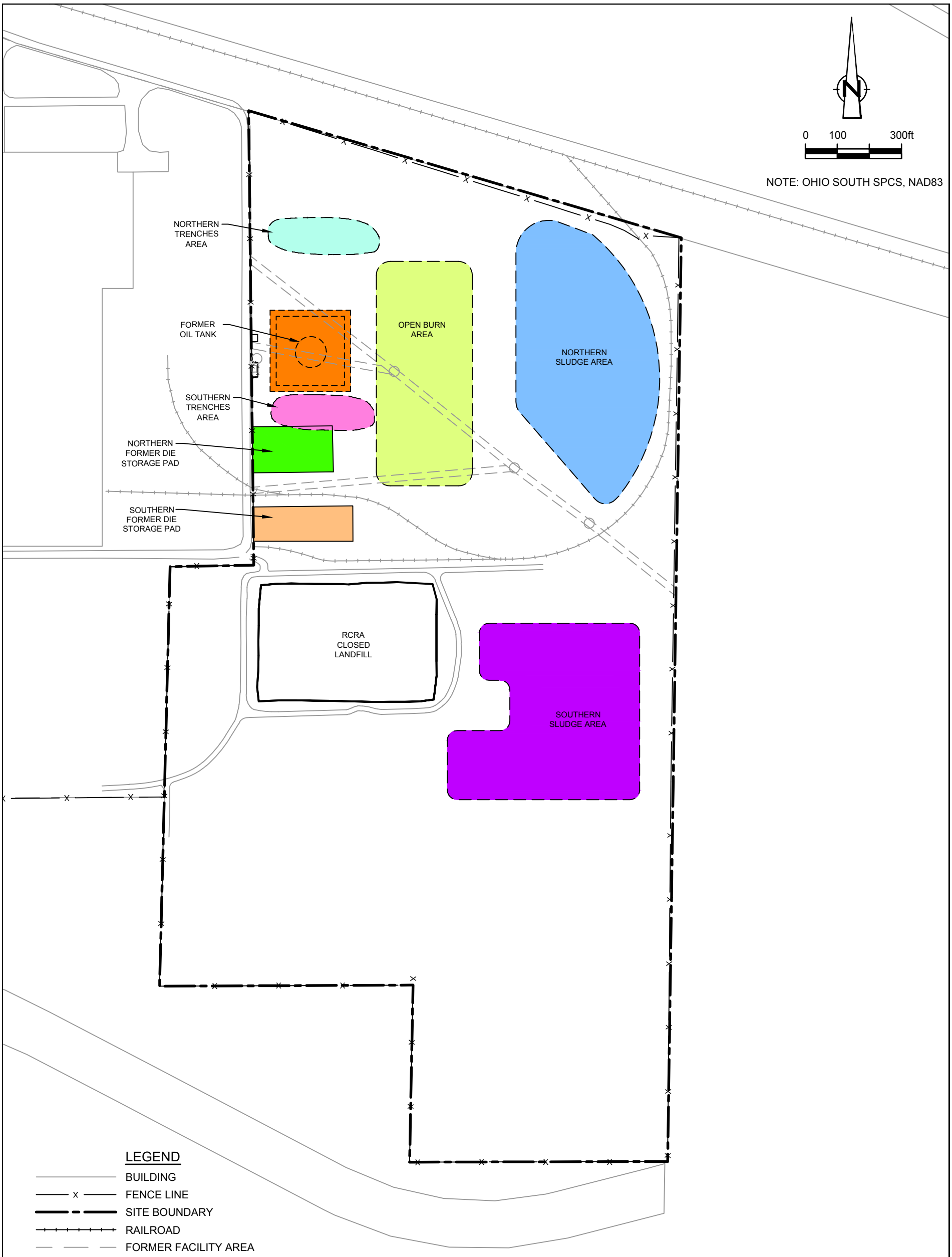


figure 2.3.1

SUMMARY OF INVESTIGATIVE AREAS
RACER
Elyria, Ohio

12616-T02(048)GN-WA001 DEC 28/2015

NORTHERN
TRENCHES AREA

N

0 50 100ft

NOTE: OHIO SOUTH SPCS, NAD83

SB-208	8/9/2011 (0-2) ft BGS mg/kg	8/9/2011 (4-6) ft BGS mg/kg
VOC		
Carbon disulfide	-	0.00097 J
Methyl acetate	-	0.0049 J
Methylene chloride	-	0.0017 J
SVOC		
2-Methylnaphthalene	-	0.043
Acenaphthene	-	0.02
Anthracene	-	0.028
Benzo(a)anthracene	-	0.042
Benzo(a)pyrene	-	0.035
Benzo(b)fluoranthene	-	0.054
Benzo(g,h,i)perylene	-	0.028
Benzo(k)fluoranthene	-	0.033
bis(2-Ethylhexyl)phthalate (DEHP)	-	0.095
Chrysene	-	0.048
Dibenzofuran	-	0.016 J
Di-n-butylphthalate (DBP)	-	0.031 J
Fluoranthene	-	0.11
Fluorene	-	0.015
Indeno(1,2,3-cd)pyrene	-	0.023
Naphthalene	-	0.031
Phenanthrene	-	0.1
Pyrene	-	0.086
Metals		
Aluminum	-	9500
Arsenic	-	5.5
Barium	-	90 J
Beryllium	-	0.49 J
Calcium	-	5900 J
Chromium	-	27
Cobalt	-	5.1 J
Copper	-	60 J
Iron	-	16000
Lead	-	17
Magnesium	-	2300
Manganese	-	190
Mercury	-	0.023 J
Nickel	-	29
Potassium	-	690
Vanadium	-	20
Zinc	-	130
Diox Fur		
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	0.000045	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	0.000075	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	0.000024	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	0.000011	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	0.000005 J	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	0.0000045 J	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.0000014 J	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	0.00000049 J	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	0.00000037 J	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.0000011 J	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	0.00000099 J	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	0.000001 J	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	0.00000039 J	-
Total heptachlorodibenzofuran (HpCDF)	0.000045	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	0.000021	-
Total hexachlorodibenzofuran (HxCDF)	0.00002	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	0.0000049	-
Total pentachlorodibenzofuran (PeCDF)	0.0000095	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	0.0000013	-
Total tetrachlorodibenzofuran (TCDF)	0.0000038	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	0.0000019	-

SB-208

OPEN BURN AREA

NORTHERN
SLUDGE AREA

SB-211

SB-211	8/9/2011 (2-4) ft BGS mg/kg	8/9/2011 (4-6) ft BGS mg/kg
Metals		
Aluminum	11000	9900
Antimony	-	0.46 J
Arsenic	17	7.9
Barium	220	85
Beryllium	0.51 J	0.42 J
Cadmium	0.63	0.12 J
Calcium	2600	8400
Chromium	20	60
Chromium VI (hexavalent)	0.80 J	-
Cobalt	27 J	8.4 J
Copper	29	50
Iron	36000	24000
Lead	15	16
Magnesium	3800	4100
Manganese	3400	1400
Mercury	0.021 J	0.037 J
Nickel	69 J	44 J
Potassium	1400	890
Sodium	150 J	96 J
Thallium	2.8	1.8
Vanadium	27	28
Zinc	71	220

LEGEND

- BUILDING
- x FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.1.1

SOIL RESULTS - AOI 1 OPEN BURN AREA
RFI ROUND 1
RACER
Elyria, Ohio

12616-T02(048)GN-WA009 APR 1/2015

BH84-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	7.9
Copper	53
Manganese	600
Nickel	58
Zinc	130

BH76-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	13
Copper	40
Manganese	1100
Nickel	53
Zinc	140 B

0 50 100ft

NOTE: OHIO SOUTH SPCS, NAD83

BH83-13	7/18/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.9
Copper	26
Manganese	1600
Nickel	34
Zinc	83

BH77-13	7/18/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.1
Copper	26
Manganese	420
Nickel	17
Zinc	82 B

BH84-13

OPEN BURN AREA

BH83-13

FORMER FUEL OIL TANK

BH73-13	7/17/2013 (0-2.5) ft BGS
Metals	
Cobalt	6.8 J
Copper	1100
Manganese	1100
Nickel	140
Zinc	1900 B

BH82-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	8.2
Copper	130
Manganese	740
Nickel	100
Zinc	750

BH76-13
BH75-13
BH77-13
BH82-13
BH74-13
BH73-13
BH80-13
BH86-13
BH79-13

NORTHERN SLUDGE AREA

BH78-13

BH81-13

BH85-13

BH86-13	7/18/2013 (0-2.5) ft BGS	7/18/2013 (2.5-5) ft BGS
Metals		
Cobalt	7.5/7.2	7.7
Copper	150/82	78
Manganese	960/520	2000
Nickel	160/100	130
Zinc	630/550	500

BH78-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	14
Copper	44
Manganese	460
Nickel	48
Zinc	150 B

BH79-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	5.7
Copper	9.0
Manganese	240
Nickel	14
Zinc	54

BH81-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	6.3
Copper	170
Manganese	140
Nickel	47
Zinc	150

BH85-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	6.0
Copper	120
Manganese	500
Nickel	42
Zinc	340

LEGEND

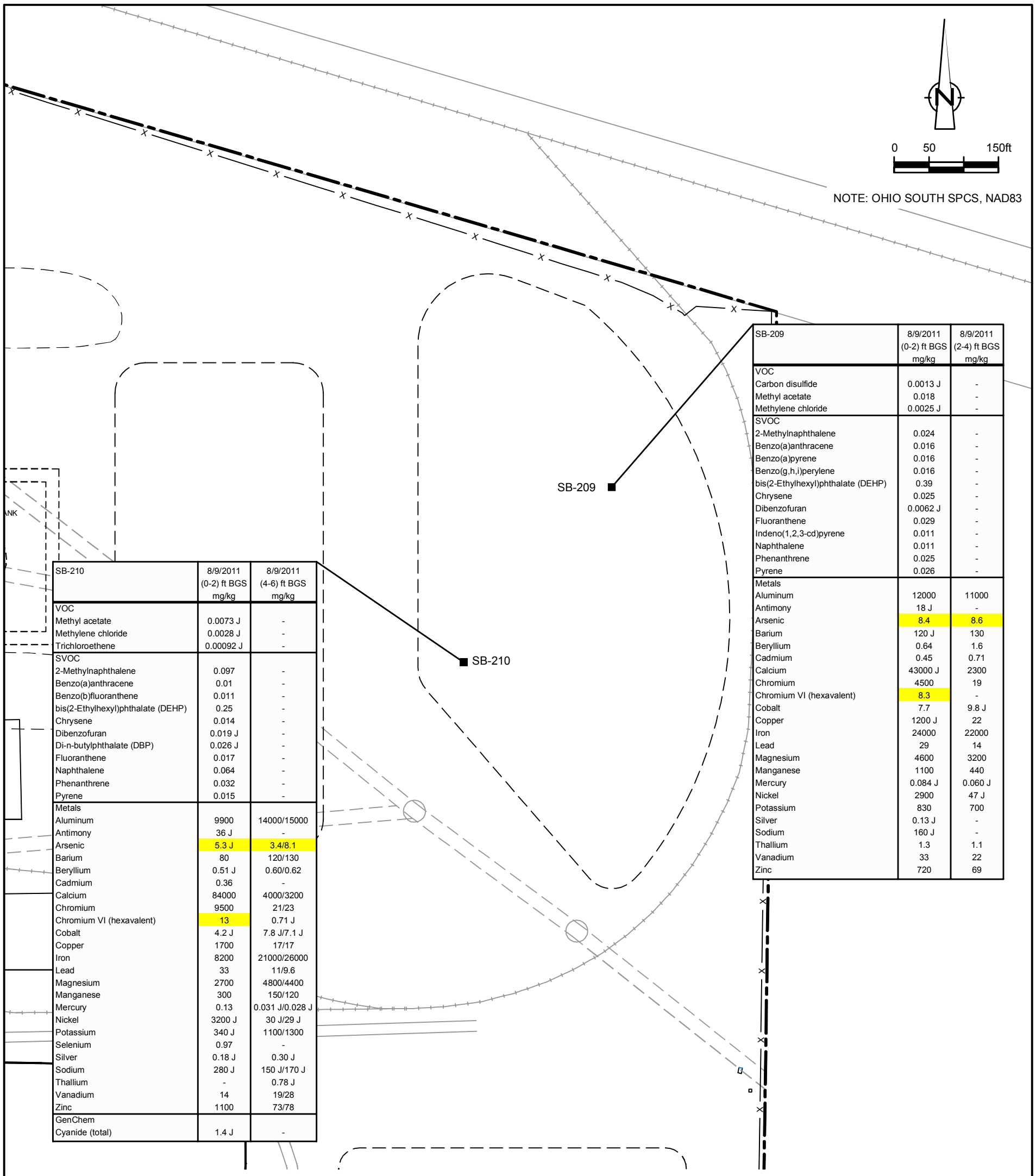
- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

figure 4.1.2

SOIL RESULTS - AOI 1 OPEN BURN AREA
RFI ROUND 2
RACER
Elyria, Ohio



SB-209	8/9/2011 (0-2) ft BGS mg/kg	8/9/2011 (2-4) ft BGS mg/kg
VOC		
Carbon disulfide	0.0013 J	-
Methyl acetate	0.018	-
Methylene chloride	0.0025 J	-
SVOC		
2-Methylnaphthalene	0.024	-
Benzo(a)anthracene	0.016	-
Benzo(a)pyrene	0.016	-
Benzo(g,h,i)perylene	0.016	-
bis(2-Ethylhexyl)phthalate (DEHP)	0.39	-
Chrysene	0.025	-
Dibenzofuran	0.0062 J	-
Fluoranthene	0.029	-
Indeno(1,2,3-cd)pyrene	0.011	-
Naphthalene	0.011	-
Phenanthrene	0.025	-
Pyrene	0.026	-
Metals		
Aluminum	12000	11000
Antimony	18 J	-
Arsenic	8.4	8.6
Barium	120 J	130
Beryllium	0.64	1.6
Cadmium	0.45	0.71
Calcium	43000 J	2300
Chromium	4500	19
Chromium VI (hexavalent)	8.3	-
Cobalt	7.7	9.8 J
Copper	1200 J	22
Iron	24000	22000
Lead	29	14
Magnesium	4600	3200
Manganese	1100	440
Mercury	0.084 J	0.060 J
Nickel	2900	47 J
Potassium	830	700
Silver	0.13 J	-
Sodium	160 J	-
Thallium	1.3	1.1
Vanadium	33	22
Zinc	720	69

SB-210	8/9/2011 (0-2) ft BGS mg/kg	8/9/2011 (4-6) ft BGS mg/kg
VOC		
Methyl acetate	0.0073 J	-
Methylene chloride	0.0028 J	-
Trichloroethene	0.00092 J	-
SVOC		
2-Methylnaphthalene	0.097	-
Benzo(a)anthracene	0.01	-
Benzo(b)fluoranthene	0.011	-
bis(2-Ethylhexyl)phthalate (DEHP)	0.25	-
Chrysene	0.014	-
Dibenzofuran	0.019 J	-
Di-n-butylphthalate (DBP)	0.026 J	-
Fluoranthene	0.017	-
Naphthalene	0.064	-
Phenanthrene	0.032	-
Pyrene	0.015	-
Metals		
Aluminum	9900	14000/15000
Antimony	36 J	-
Arsenic	5.3 J	3.4/8.1
Barium	80	120/130
Beryllium	0.51 J	0.60/0.62
Cadmium	0.36	-
Calcium	84000	4000/3200
Chromium	9500	21/23
Chromium VI (hexavalent)	13	0.71 J
Cobalt	4.2 J	7.8 J/7.1 J
Copper	1700	17/17
Iron	8200	21000/26000
Lead	33	11/9.6
Magnesium	2700	4800/4400
Manganese	300	150/120
Mercury	0.13	0.031 J/0.028 J
Nickel	3200 J	30 J/29 J
Potassium	340 J	1100/1300
Selenium	0.97	-
Silver	0.18 J	0.30 J
Sodium	280 J	150 J/170 J
Thallium	-	0.78 J
Vanadium	14	19/28
Zinc	1100	73/78
GenChem		
Cyanide (total)	1.4 J	-

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.2.1

SOIL RESULTS - AOI 2 NORTHERN SLUDGE AREA
RFI ROUND 1
RACER
Elyria, Ohio

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BH97-13	7/19/2013 (0-2.5) ft BGS
Metals	
Cobalt	11 J
Copper	1100
Manganese	860
Nickel	1900
Zinc	330

BH98-13	7/19/2013 (0-2.5) ft BGS
Metals	
Cobalt	7.1 J
Copper	1500
Manganese	19000 B
Nickel	3400
Zinc	660

BH96-13	7/19/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.0 J
Copper	1300
Manganese	250
Nickel	3200
Zinc	450

0 50 150ft

NOTE: OHIO SOUTH SPCS, NAD83

BH87-13	7/18/2013 (0-2.5) ft BGS	7/18/2013 (5-7.5) ft BGS
Metals		
Cobalt	7.9	12
Copper	160	23
Manganese	640	1100
Nickel	82	37
Zinc	210	63

BH89-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	280 U
Copper	5400
Manganese	540
Nickel	14000
Zinc	2500

BH101-13	7/19/2013 (2.5-5) ft BGS
Metals	
Cobalt	5.6 J
Copper	3700
Manganese	73 B
Nickel	9600
Zinc	3000

BH90-13	7/18/2013 (0-2.5) ft BGS	7/18/2013 (2.5-5) ft BGS
Metals		
Cobalt	8.6	180 U
Copper	480	1200
Manganese	480	260
Nickel	1700	2200
Zinc	250	660

BH100-13	7/19/2013 (0-2.5) ft BGS
Metals	
Cobalt	13 J
Copper	17000
Manganese	120 B
Nickel	28000
Zinc	5300

BH88-13	7/18/2013 (0-2.5) ft BGS
Metals	
Cobalt	240 U
Copper	5000
Manganese	1400
Nickel	11000
Zinc	2700

BH92-13	7/19/2013 (0-2.5) ft BGS
Metals	
Cobalt	4.9 J
Copper	58
Manganese	70
Nickel	270
Zinc	84

BH93-13	7/19/2013 (0-2.5) ft BGS
Metals	
Cobalt	8.2
Copper	630
Manganese	200
Nickel	960
Zinc	230

BH95-13	7/19/2013 (0-2.5) ft BGS
Metals	
Cobalt	13
Copper	21
Manganese	700
Nickel	32
Zinc	57

BH98-13
BH97-13
BH96-13
BH89-13
BH90-13
BH87-13
BH88-13
BH99-13
BH101-13
BH100-13
BH91-13
BH92-13
BH93-13
BH95-13
BH94-13

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

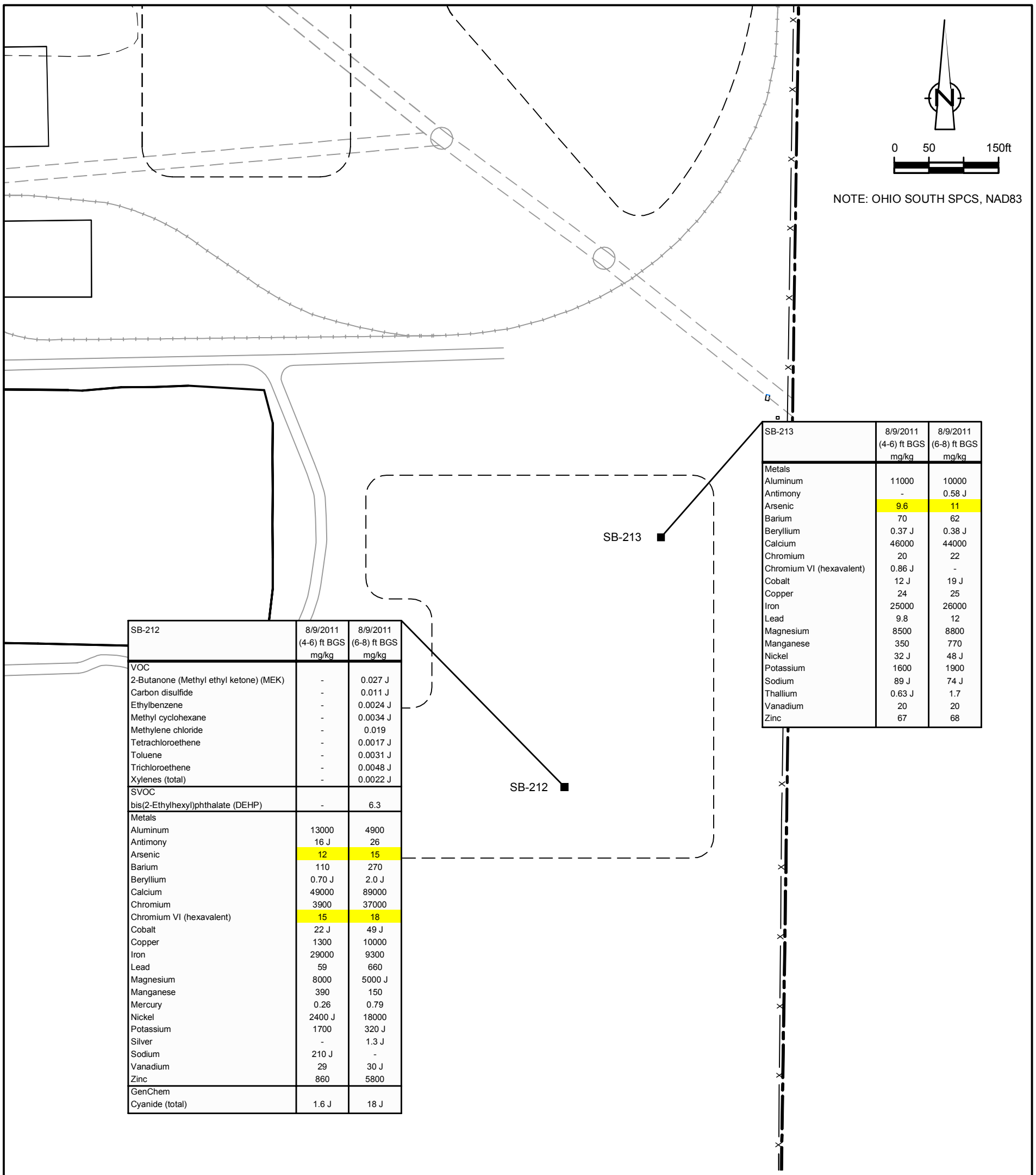
CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.2.2

SOIL RESULTS - AOI 2 NORTHERN SLUDGE AREA
RFI ROUND 2
RACER
Elyria, Ohio



SB-213	8/9/2011 (4-6) ft BGS mg/kg	8/9/2011 (6-8) ft BGS mg/kg
Metals		
Aluminum	11000	10000
Antimony	-	0.58 J
Arsenic	9.6	11
Barium	70	62
Beryllium	0.37 J	0.38 J
Calcium	46000	44000
Chromium	20	22
Chromium VI (hexavalent)	0.86 J	-
Cobalt	12 J	19 J
Copper	24	25
Iron	25000	26000
Lead	9.8	12
Magnesium	8500	8800
Manganese	350	770
Nickel	32 J	48 J
Potassium	1600	1900
Sodium	89 J	74 J
Thallium	0.63 J	1.7
Vanadium	20	20
Zinc	67	68

SB-212	8/9/2011 (4-6) ft BGS mg/kg	8/9/2011 (6-8) ft BGS mg/kg
VOC		
2-Butanone (Methyl ethyl ketone) (MEK)	-	0.027 J
Carbon disulfide	-	0.011 J
Ethylbenzene	-	0.0024 J
Methyl cyclohexane	-	0.0034 J
Methylene chloride	-	0.019
Tetrachloroethene	-	0.0017 J
Toluene	-	0.0031 J
Trichloroethene	-	0.0048 J
Xylenes (total)	-	0.0022 J
SVOC		
bis(2-Ethylhexyl)phthalate (DEHP)	-	6.3
Metals		
Aluminum	13000	4900
Antimony	16 J	26
Arsenic	12	15
Barium	110	270
Beryllium	0.70 J	2.0 J
Calcium	49000	89000
Chromium	3900	37000
Chromium VI (hexavalent)	15	18
Cobalt	22 J	49 J
Copper	1300	10000
Iron	29000	9300
Lead	59	660
Magnesium	8000	5000 J
Manganese	390	150
Mercury	0.26	0.79
Nickel	2400 J	18000
Potassium	1700	320 J
Silver	-	1.3 J
Sodium	210 J	-
Vanadium	29	30 J
Zinc	860	5800
GenChem		
Cyanide (total)	1.6 J	18 J

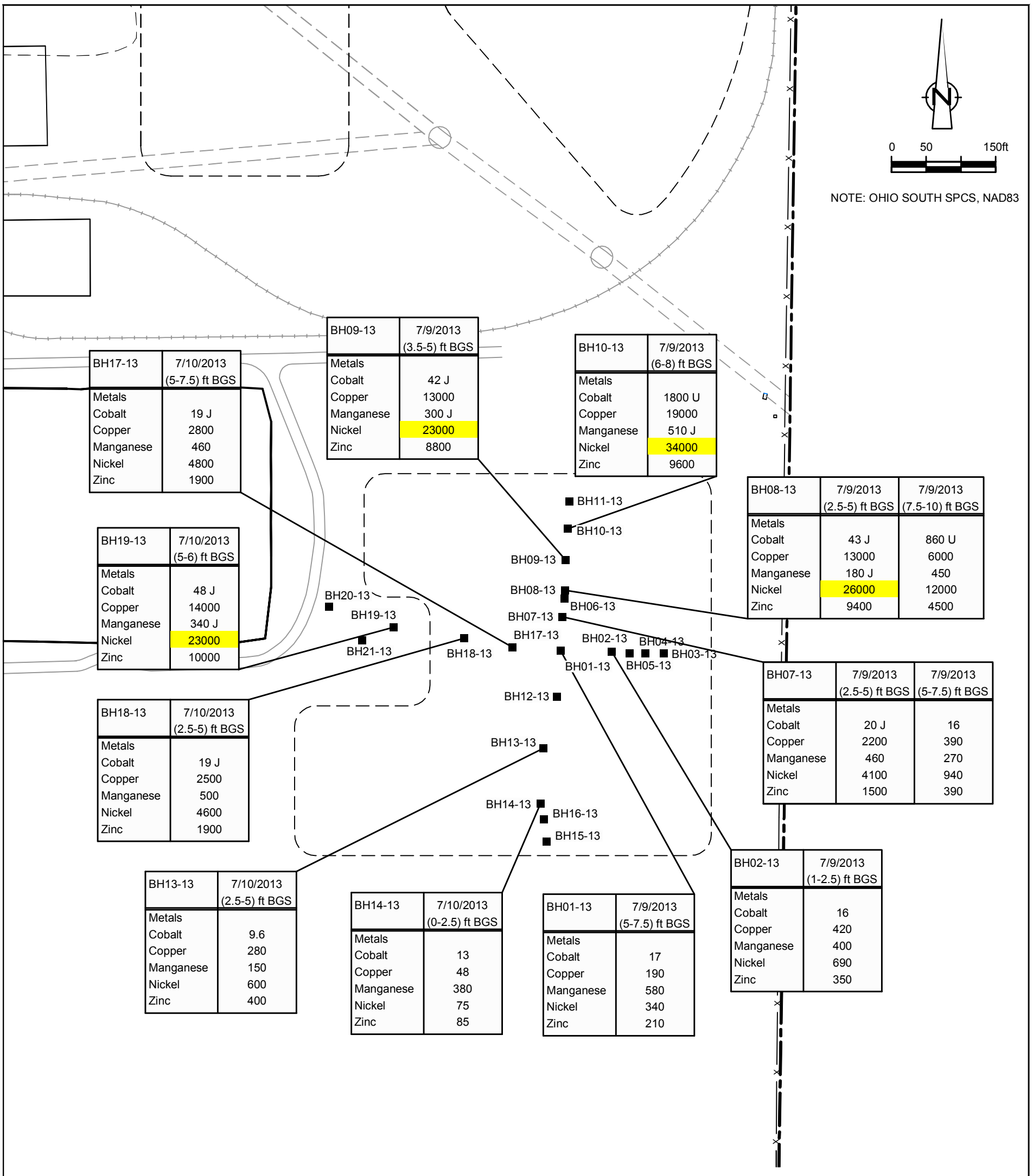
LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.3.1

SOIL RESULTS - AOI 3 SOUTHERN SLUDGE AREA
RFI ROUND 1
RACER
Elyria, Ohio

12616-T02(048)GN-WA011 APR 1/2015



BH17-13	7/10/2013 (5-7.5) ft BGS
Metals	
Cobalt	19 J
Copper	2800
Manganese	460
Nickel	4800
Zinc	1900

BH09-13	7/9/2013 (3.5-5) ft BGS
Metals	
Cobalt	42 J
Copper	13000
Manganese	300 J
Nickel	23000
Zinc	8800

BH10-13	7/9/2013 (6-8) ft BGS
Metals	
Cobalt	1800 U
Copper	19000
Manganese	510 J
Nickel	34000
Zinc	9600

BH08-13	7/9/2013 (2.5-5) ft BGS	7/9/2013 (7.5-10) ft BGS
Metals		
Cobalt	43 J	860 U
Copper	13000	6000
Manganese	180 J	450
Nickel	26000	12000
Zinc	9400	4500

BH19-13	7/10/2013 (5-6) ft BGS
Metals	
Cobalt	48 J
Copper	14000
Manganese	340 J
Nickel	23000
Zinc	10000

BH07-13	7/9/2013 (2.5-5) ft BGS	7/9/2013 (5-7.5) ft BGS
Metals		
Cobalt	20 J	16
Copper	2200	390
Manganese	460	270
Nickel	4100	940
Zinc	1500	390

BH18-13	7/10/2013 (2.5-5) ft BGS
Metals	
Cobalt	19 J
Copper	2500
Manganese	500
Nickel	4600
Zinc	1900

BH02-13	7/9/2013 (1-2.5) ft BGS
Metals	
Cobalt	16
Copper	420
Manganese	400
Nickel	690
Zinc	350

BH13-13	7/10/2013 (2.5-5) ft BGS
Metals	
Cobalt	9.6
Copper	280
Manganese	150
Nickel	600
Zinc	400

BH14-13	7/10/2013 (0-2.5) ft BGS
Metals	
Cobalt	13
Copper	48
Manganese	380
Nickel	75
Zinc	85

BH01-13	7/9/2013 (5-7.5) ft BGS
Metals	
Cobalt	17
Copper	190
Manganese	580
Nickel	340
Zinc	210

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

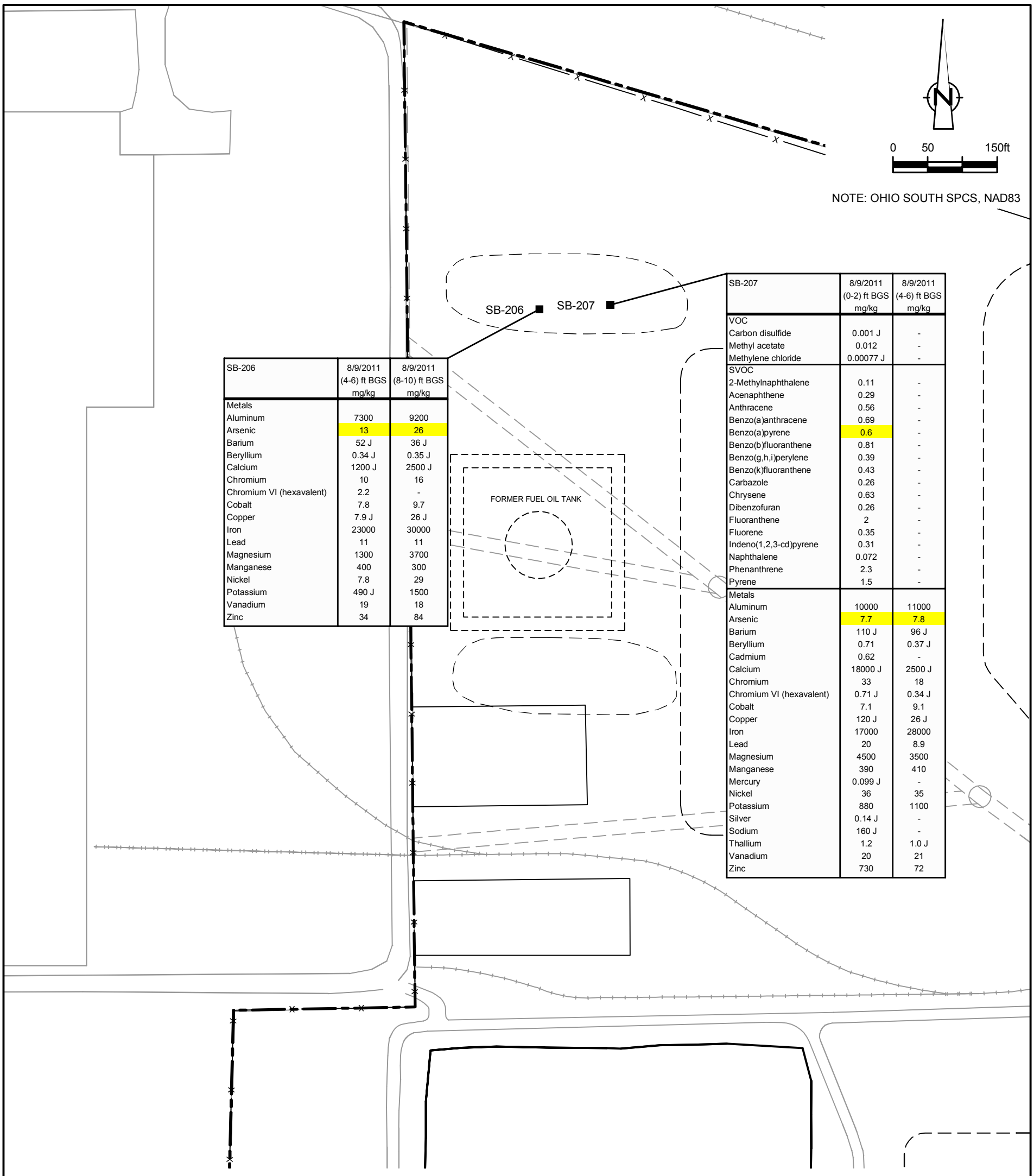
CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.3.2

SOIL RESULTS - AOI 3 SOUTHERN SLUDGE AREA
RFI ROUND 2
RACER
Elyria, Ohio



SB-206	8/9/2011 (4-6) ft BGS mg/kg	8/9/2011 (8-10) ft BGS mg/kg
Metals		
Aluminum	7300	9200
Arsenic	13	26
Barium	52 J	36 J
Beryllium	0.34 J	0.35 J
Calcium	1200 J	2500 J
Chromium	10	16
Chromium VI (hexavalent)	2.2	-
Cobalt	7.8	9.7
Copper	7.9 J	26 J
Iron	23000	30000
Lead	11	11
Magnesium	1300	3700
Manganese	400	300
Nickel	7.8	29
Potassium	490 J	1500
Vanadium	19	18
Zinc	34	84

SB-207	8/9/2011 (0-2) ft BGS mg/kg	8/9/2011 (4-6) ft BGS mg/kg
VOC		
Carbon disulfide	0.001 J	-
Methyl acetate	0.012	-
Methylene chloride	0.00077 J	-
SVOC		
2-Methylnaphthalene	0.11	-
Acenaphthene	0.29	-
Anthracene	0.56	-
Benzo(a)anthracene	0.69	-
Benzo(a)pyrene	0.6	-
Benzo(b)fluoranthene	0.81	-
Benzo(g,h,i)perylene	0.39	-
Benzo(k)fluoranthene	0.43	-
Carbazole	0.26	-
Chrysene	0.63	-
Dibenzofuran	0.26	-
Fluoranthene	2	-
Fluorene	0.35	-
Indeno(1,2,3-cd)pyrene	0.31	-
Naphthalene	0.072	-
Phenanthrene	2.3	-
Pyrene	1.5	-
Metals		
Aluminum	10000	11000
Arsenic	7.7	7.8
Barium	110 J	96 J
Beryllium	0.71	0.37 J
Cadmium	0.62	-
Calcium	18000 J	2500 J
Chromium	33	18
Chromium VI (hexavalent)	0.71 J	0.34 J
Cobalt	7.1	9.1
Copper	120 J	26 J
Iron	17000	28000
Lead	20	8.9
Magnesium	4500	3500
Manganese	390	410
Mercury	0.099 J	-
Nickel	36	35
Potassium	880	1100
Silver	0.14 J	-
Sodium	160 J	-
Thallium	1.2	1.0 J
Vanadium	20	21
Zinc	730	72

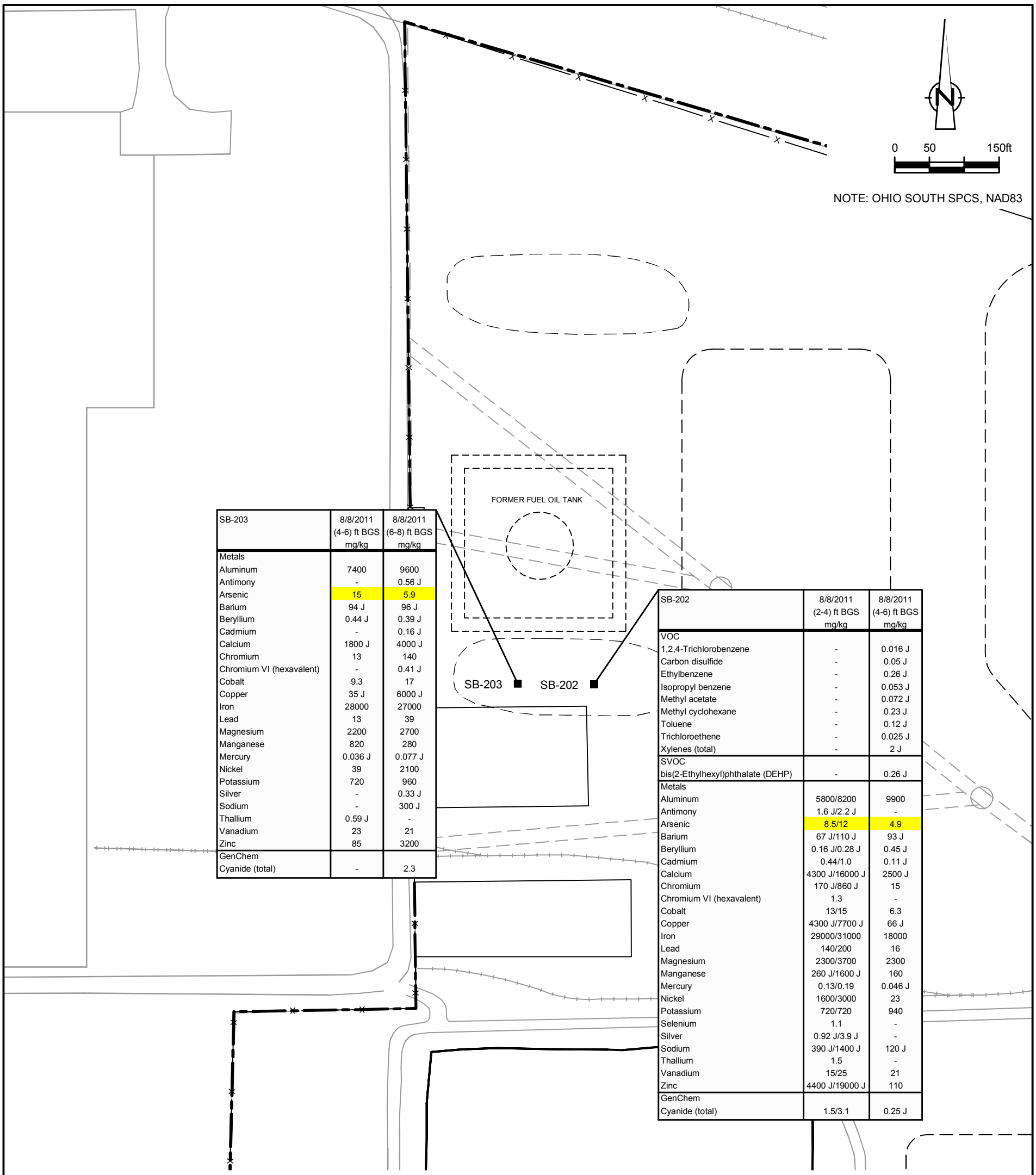
LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.4.1

SOIL RESULTS - AOI 4 NORTHERN TRENCH AREA
RFI ROUND 1
RACER
Elyria, Ohio

12616-T02(048)GN-WA012 APR 1/2015



SB-203	8/8/2011 (4-6) ft BGS mg/kg	8/8/2011 (6-8) ft BGS mg/kg
Metals		
Aluminum	7400	9600
Antimony	-	0.56 J
Arsenic	15	5.9
Barium	94 J	96 J
Beryllium	0.44 J	0.39 J
Cadmium	-	0.16 J
Calcium	1800 J	4000 J
Chromium	13	140
Chromium VI (hexavalent)	-	0.41 J
Cobalt	9.3	17
Copper	35 J	6000 J
Iron	28000	27000
Lead	13	39
Magnesium	2200	2700
Manganese	820	280
Mercury	0.036 J	0.077 J
Nickel	39	2100
Potassium	720	960
Silver	-	0.33 J
Sodium	-	300 J
Thallium	0.59 J	-
Vanadium	23	21
Zinc	85	3200
GenChem		
Cyanide (total)	-	2.3

SB-202	8/8/2011 (2-4) ft BGS mg/kg	8/8/2011 (4-6) ft BGS mg/kg
VOC		
1,2,4-Trichlorobenzene	-	0.016 J
Carbon disulfide	-	0.05 J
Ethylbenzene	-	0.26 J
Isopropyl benzene	-	0.053 J
Methyl acetate	-	0.072 J
Methyl cyclohexane	-	0.23 J
Toluene	-	0.12 J
Trichloroethene	-	0.025 J
Xylenes (total)	-	2 J
SVOC		
bis(2-Ethylhexyl)phthalate (DEHP)	-	0.26 J
Metals		
Aluminum	5800/8200	9900
Antimony	1.6 J/2.2 J	-
Arsenic	8.5/12	4.9
Barium	67 J/110 J	93 J
Beryllium	0.16 J/0.28 J	0.45 J
Cadmium	0.44/1.0	0.11 J
Calcium	4300 J/16000 J	2500 J
Chromium	170 J/860 J	15
Chromium VI (hexavalent)	1.3	-
Cobalt	13/15	6.3
Copper	4300 J/7700 J	66 J
Iron	29000/31000	18000
Lead	140/200	16
Magnesium	2300/3700	2300
Manganese	260 J/1600 J	160
Mercury	0.13/0.19	0.046 J
Nickel	1600/3000	23
Potassium	720/720	940
Selenium	1.1	-
Silver	0.92 J/3.9 J	-
Sodium	390 J/1400 J	120 J
Thallium	1.5	-
Vanadium	15/25	21
Zinc	4400 J/19000 J	110
GenChem		
Cyanide (total)	1.5/3.1	0.25 J

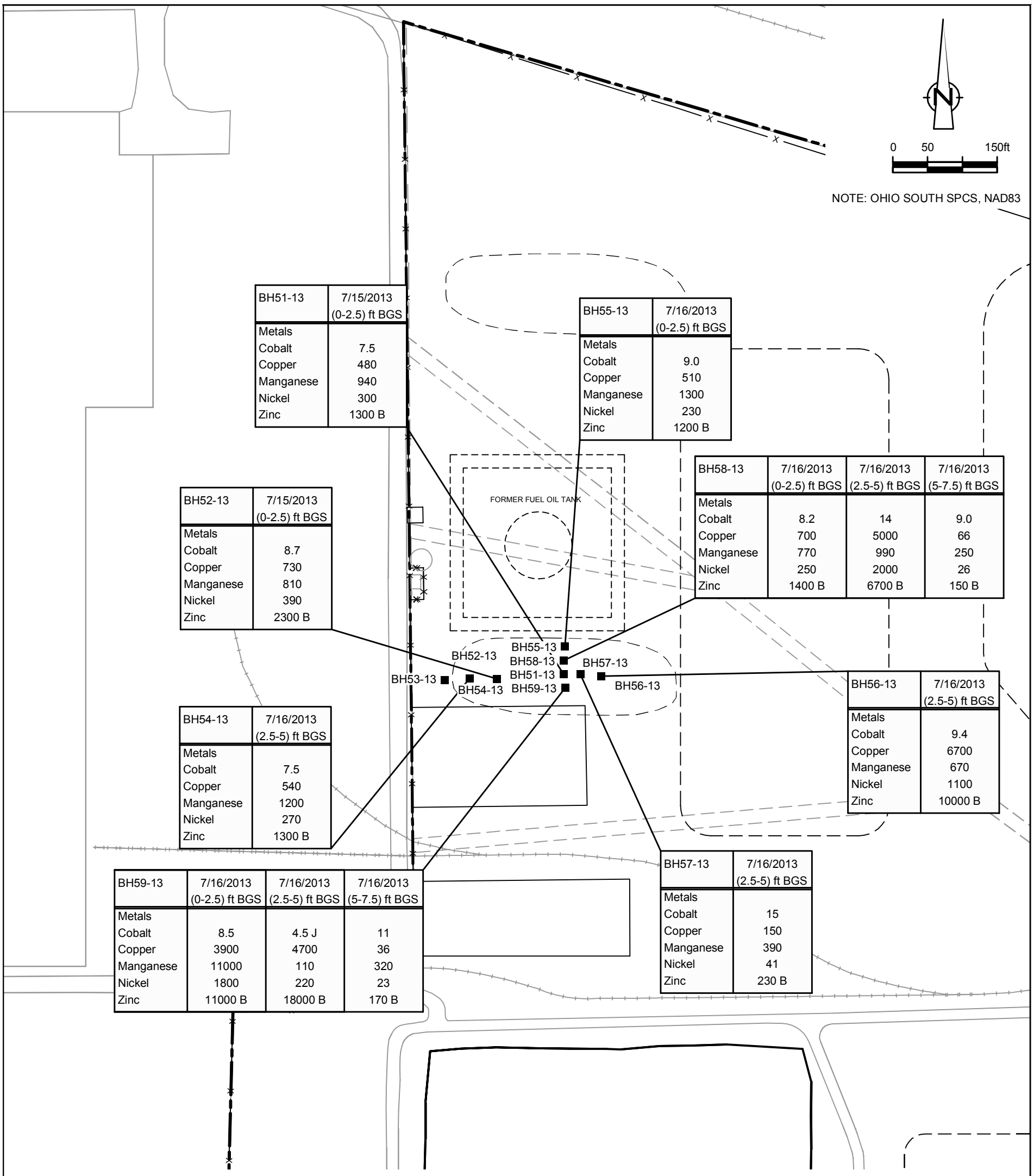
LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.5.1

SOIL RESULTS - AOI 5 SOUTHERN TRENCH AREA
RFI ROUND 1
RACER
Elyria, Ohio

12616-T02(048)GN-WA016 APR 1/2015



BH51-13	7/15/2013 (0-2.5) ft BGS
Metals	
Cobalt	7.5
Copper	480
Manganese	940
Nickel	300
Zinc	1300 B

BH55-13	7/16/2013 (0-2.5) ft BGS
Metals	
Cobalt	9.0
Copper	510
Manganese	1300
Nickel	230
Zinc	1200 B

BH58-13	7/16/2013 (0-2.5) ft BGS	7/16/2013 (2.5-5) ft BGS	7/16/2013 (5-7.5) ft BGS
Metals			
Cobalt	8.2	14	9.0
Copper	700	5000	66
Manganese	770	990	250
Nickel	250	2000	26
Zinc	1400 B	6700 B	150 B

BH52-13	7/15/2013 (0-2.5) ft BGS
Metals	
Cobalt	8.7
Copper	730
Manganese	810
Nickel	390
Zinc	2300 B

BH56-13	7/16/2013 (2.5-5) ft BGS
Metals	
Cobalt	9.4
Copper	6700
Manganese	670
Nickel	1100
Zinc	10000 B

BH54-13	7/16/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.5
Copper	540
Manganese	1200
Nickel	270
Zinc	1300 B

BH57-13	7/16/2013 (2.5-5) ft BGS
Metals	
Cobalt	15
Copper	150
Manganese	390
Nickel	41
Zinc	230 B

BH59-13	7/16/2013 (0-2.5) ft BGS	7/16/2013 (2.5-5) ft BGS	7/16/2013 (5-7.5) ft BGS
Metals			
Cobalt	8.5	4.5 J	11
Copper	3900	4700	36
Manganese	11000	110	320
Nickel	1800	220	23
Zinc	11000 B	18000 B	170 B

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

figure 4.5.2

SOIL RESULTS - AOI 5 SOUTHERN TRENCH AREA
RFI ROUND 2
RACER
Elyria, Ohio

12616-T02(048)GN-WA005 APR 1/2015

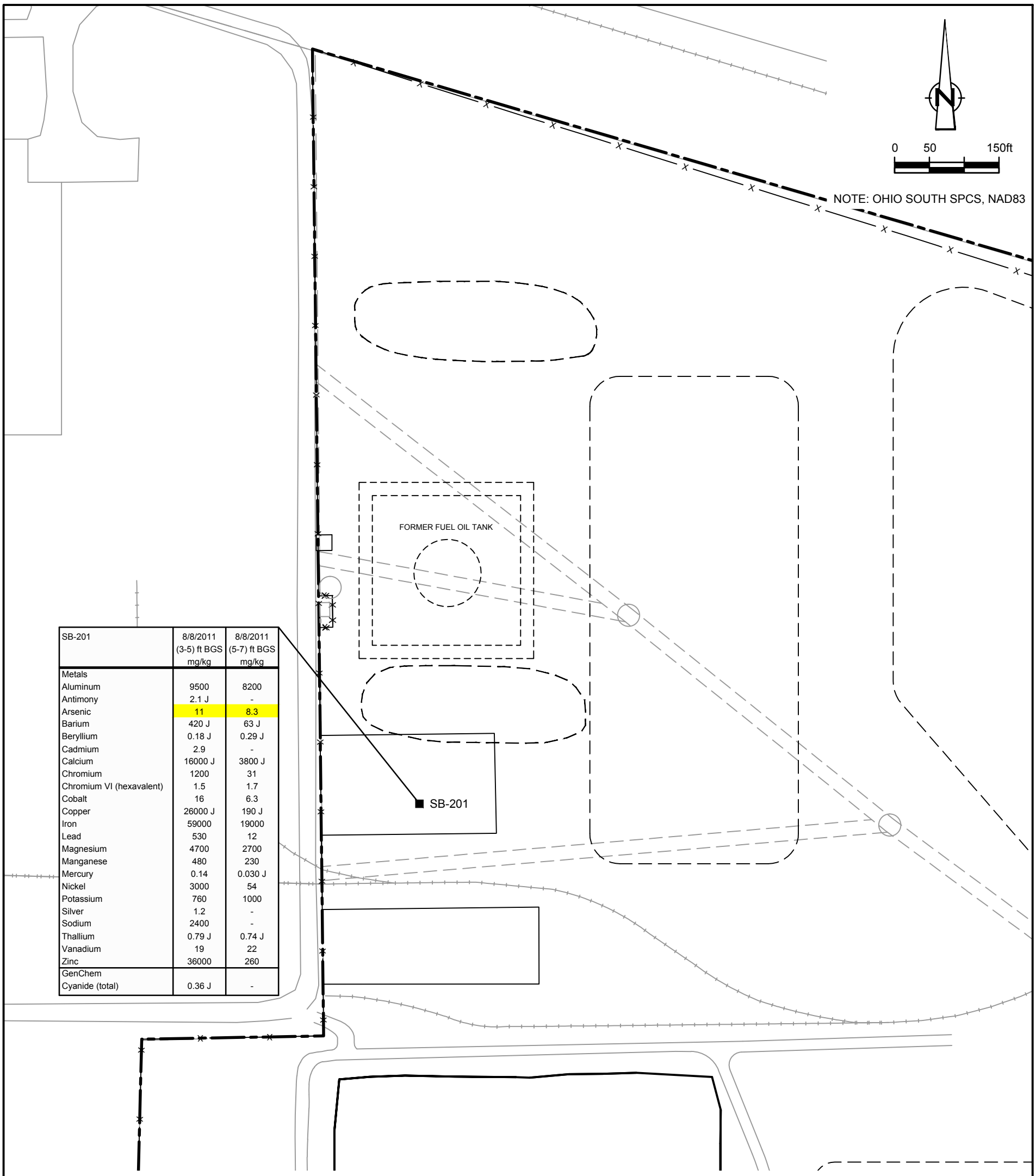
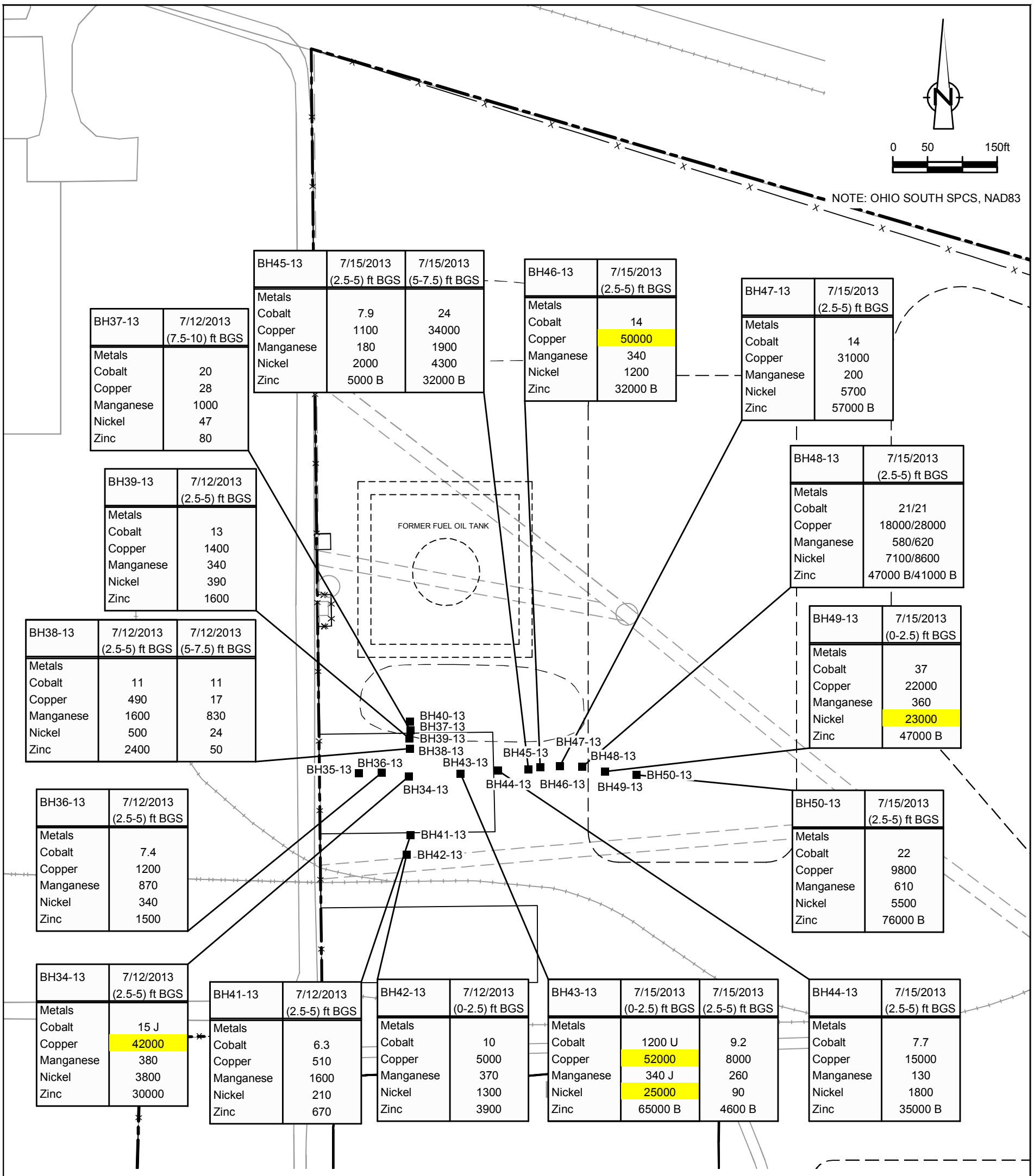


figure 4.6.1

SOIL RESULTS - AOI 6 NORTHERN FORMER DIE STORAGE PAD
RFI ROUND 1
RACER
Elyria, Ohio

12616-T02(048)GN-WA013 APR 2/2015



BH37-13	7/12/2013 (7.5-10) ft BGS
Metals	
Cobalt	20
Copper	28
Manganese	1000
Nickel	47
Zinc	80

BH45-13	7/15/2013 (2.5-5) ft BGS	7/15/2013 (5-7.5) ft BGS
Metals		
Cobalt	7.9	24
Copper	1100	34000
Manganese	180	1900
Nickel	2000	4300
Zinc	5000 B	32000 B

BH46-13	7/15/2013 (2.5-5) ft BGS
Metals	
Cobalt	14
Copper	50000
Manganese	340
Nickel	1200
Zinc	32000 B

BH47-13	7/15/2013 (2.5-5) ft BGS
Metals	
Cobalt	14
Copper	31000
Manganese	200
Nickel	5700
Zinc	57000 B

BH48-13	7/15/2013 (2.5-5) ft BGS
Metals	
Cobalt	21/21
Copper	18000/28000
Manganese	580/620
Nickel	7100/8600
Zinc	47000 B/41000 B

BH49-13	7/15/2013 (0-2.5) ft BGS
Metals	
Cobalt	37
Copper	22000
Manganese	360
Nickel	23000
Zinc	47000 B

BH39-13	7/12/2013 (2.5-5) ft BGS
Metals	
Cobalt	13
Copper	1400
Manganese	340
Nickel	390
Zinc	1600

BH38-13	7/12/2013 (2.5-5) ft BGS	7/12/2013 (5-7.5) ft BGS
Metals		
Cobalt	11	11
Copper	490	17
Manganese	1600	830
Nickel	500	24
Zinc	2400	50

BH36-13	7/12/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.4
Copper	1200
Manganese	870
Nickel	340
Zinc	1500

BH50-13	7/15/2013 (2.5-5) ft BGS
Metals	
Cobalt	22
Copper	9800
Manganese	610
Nickel	5500
Zinc	76000 B

BH34-13	7/12/2013 (2.5-5) ft BGS
Metals	
Cobalt	15 J
Copper	42000
Manganese	380
Nickel	3800
Zinc	30000

BH41-13	7/12/2013 (2.5-5) ft BGS
Metals	
Cobalt	6.3
Copper	510
Manganese	1600
Nickel	210
Zinc	670

BH42-13	7/12/2013 (0-2.5) ft BGS
Metals	
Cobalt	10
Copper	5000
Manganese	370
Nickel	1300
Zinc	3900

BH43-13	7/15/2013 (0-2.5) ft BGS	7/15/2013 (2.5-5) ft BGS
Metals		
Cobalt	1200 U	9.2
Copper	52000	8000
Manganese	340 J	260
Nickel	25000	90
Zinc	65000 B	4600 B

BH44-13	7/15/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.7
Copper	15000
Manganese	130
Nickel	1800
Zinc	35000 B

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

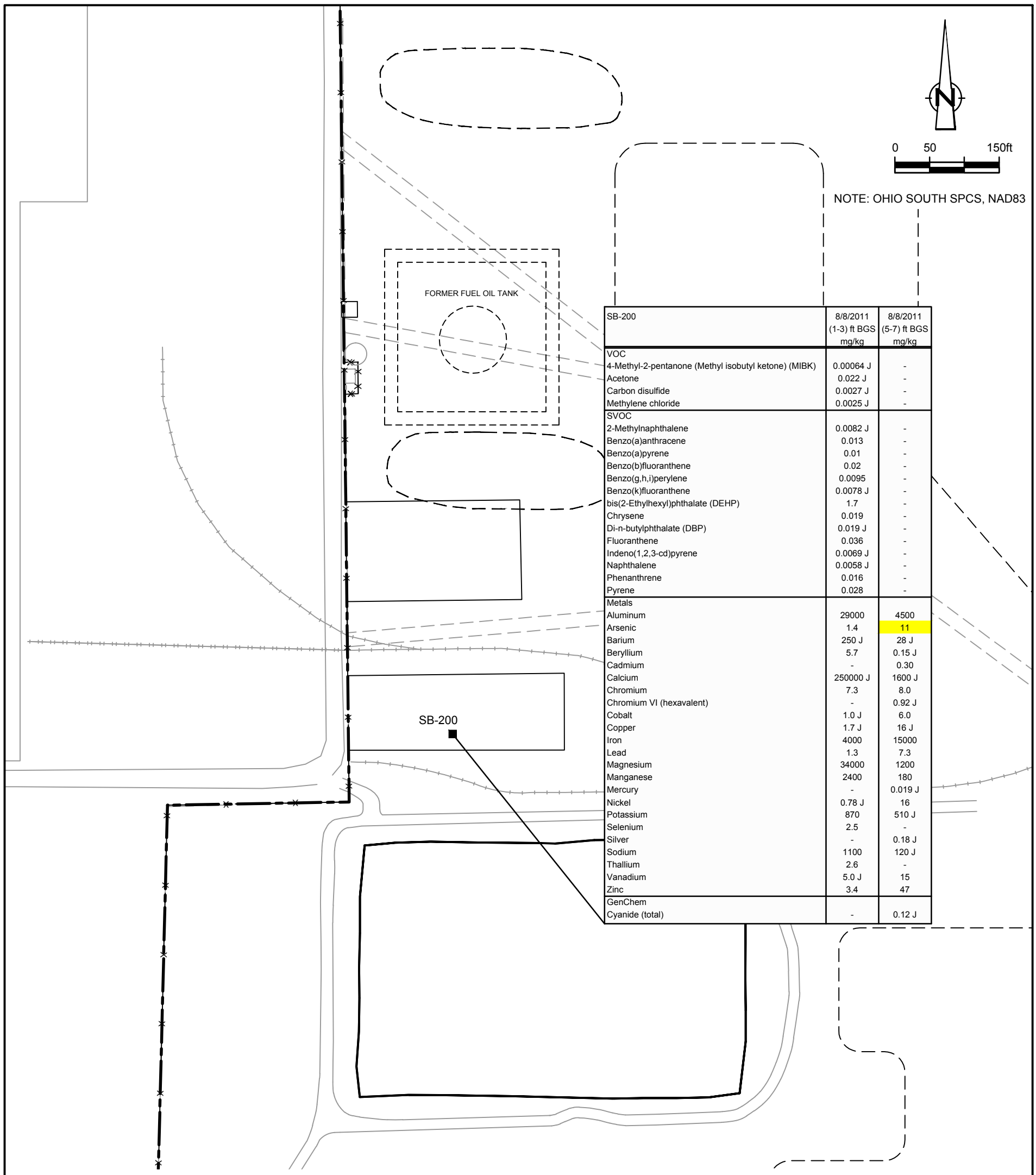
CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.6.2

SOIL RESULTS - AOI 6 NORTHERN FORMER DIE STORAGE PAD
RFI ROUND 2
RACER
Elyria, Ohio



SB-200	8/8/2011 (1-3) ft BGS mg/kg	8/8/2011 (5-7) ft BGS mg/kg
VOC		
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	0.00064 J	-
Acetone	0.022 J	-
Carbon disulfide	0.0027 J	-
Methylene chloride	0.0025 J	-
SVOC		
2-Methylnaphthalene	0.0082 J	-
Benzo(a)anthracene	0.013	-
Benzo(a)pyrene	0.01	-
Benzo(b)fluoranthene	0.02	-
Benzo(g,h,i)perylene	0.0095	-
Benzo(k)fluoranthene	0.0078 J	-
bis(2-Ethylhexyl)phthalate (DEHP)	1.7	-
Chrysene	0.019	-
Di-n-butylphthalate (DBP)	0.019 J	-
Fluoranthene	0.036	-
Indeno(1,2,3-cd)pyrene	0.0069 J	-
Naphthalene	0.0058 J	-
Phenanthrene	0.016	-
Pyrene	0.028	-
Metals		
Aluminum	29000	4500
Arsenic	1.4	11
Barium	250 J	28 J
Beryllium	5.7	0.15 J
Cadmium	-	0.30
Calcium	250000 J	1600 J
Chromium	7.3	8.0
Chromium VI (hexavalent)	-	0.92 J
Cobalt	1.0 J	6.0
Copper	1.7 J	16 J
Iron	4000	15000
Lead	1.3	7.3
Magnesium	34000	1200
Manganese	2400	180
Mercury	-	0.019 J
Nickel	0.78 J	16
Potassium	870	510 J
Selenium	2.5	-
Silver	-	0.18 J
Sodium	1100	120 J
Thallium	2.6	-
Vanadium	5.0 J	15
Zinc	3.4	47
GenChem		
Cyanide (total)	-	0.12 J

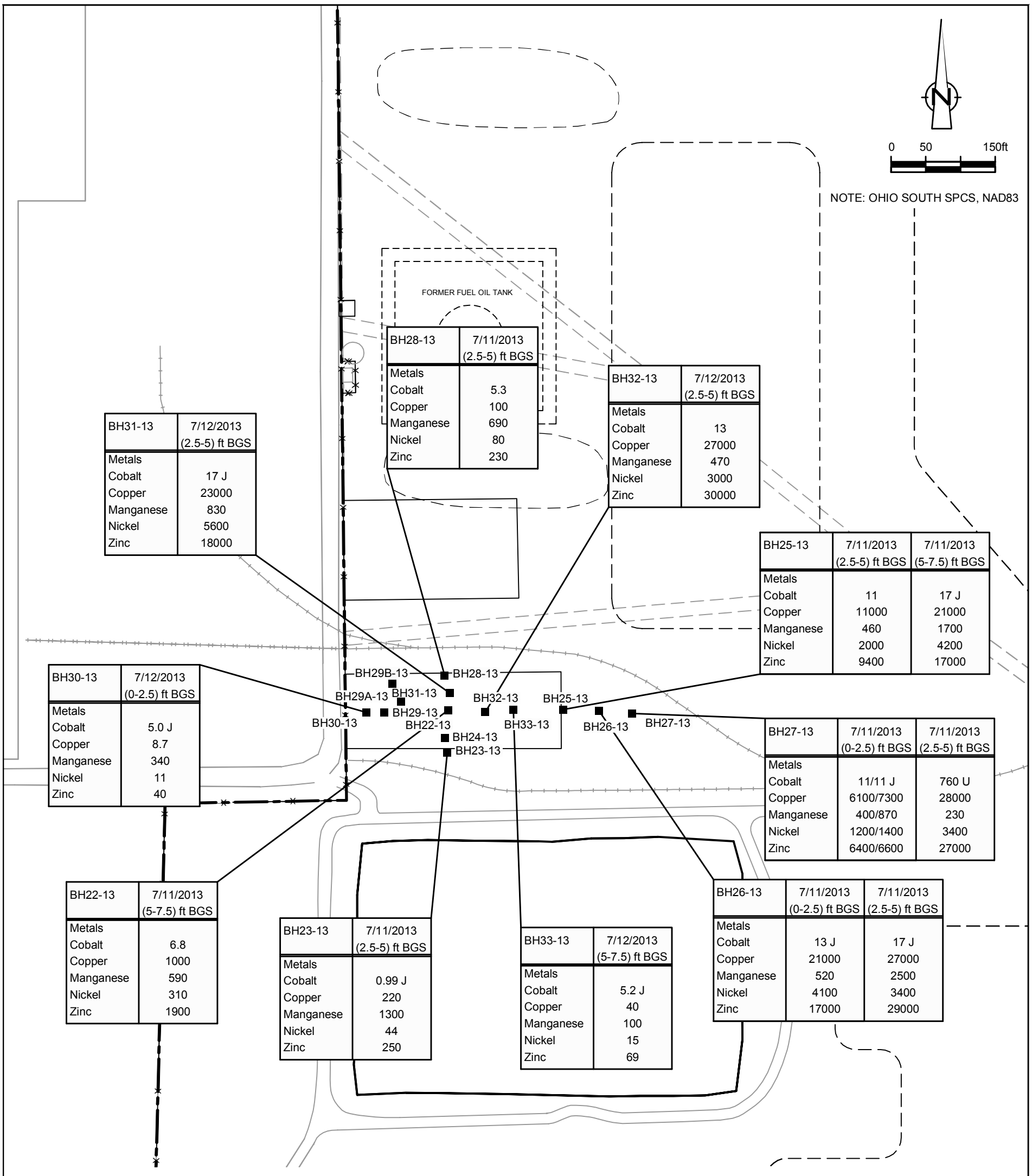
LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.7.1

SOIL RESULTS - AOI 7 SOUTHERN FORMER DIE STORAGE PAD
RFI ROUND 1
RACER
Elyria, Ohio

12616-T02(048)GN-WA014 APR 2/2015



CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

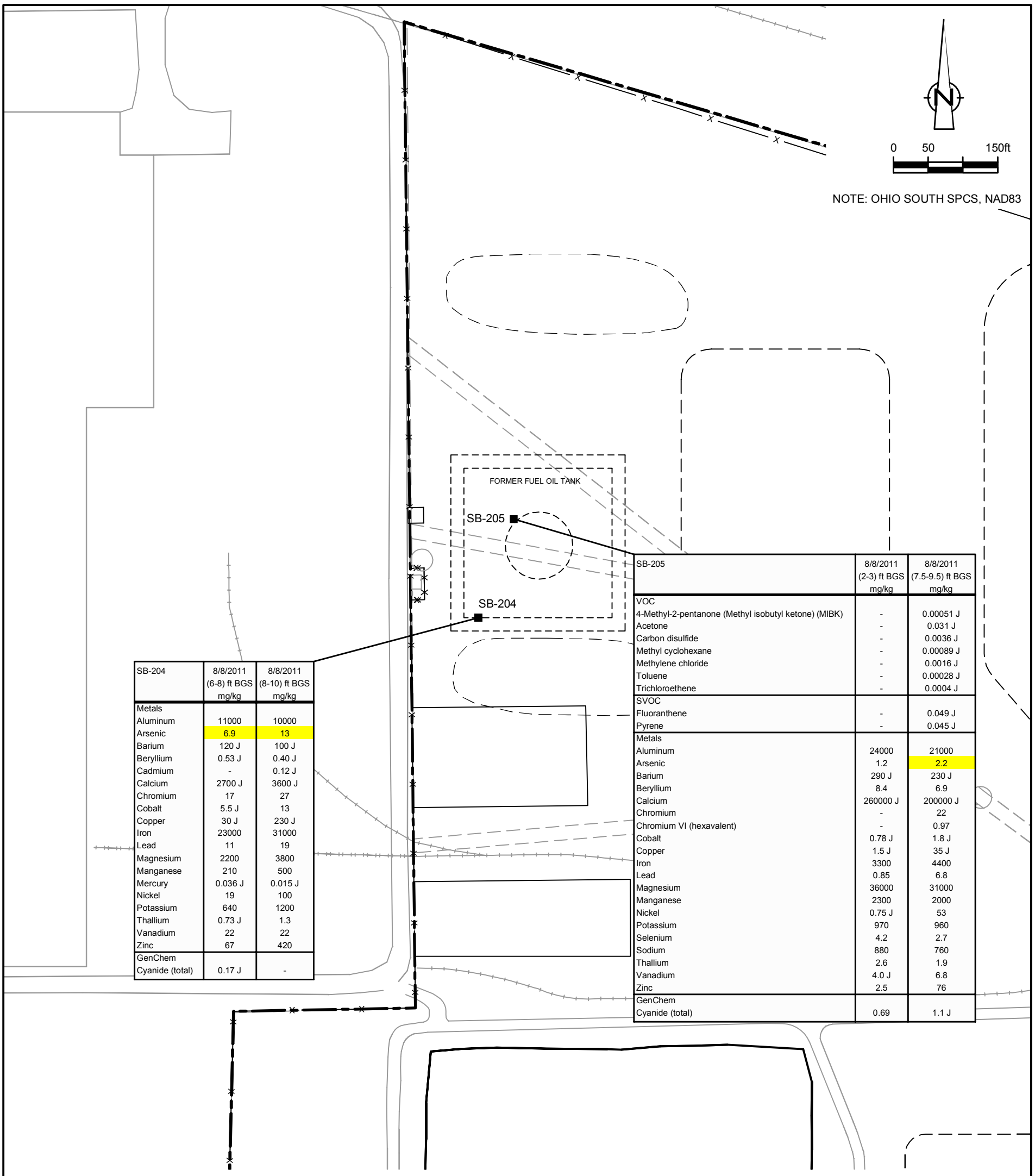
LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

figure 4.7.2

SOIL RESULTS - AOI 6 SOUTHERN FORMER DIE STORAGE PAD
RFI ROUND 2
RACER
Elyria, Ohio

12616-T02(048)GN-WA007 APR 1/2015



SB-204	8/8/2011 (6-8) ft BGS mg/kg	8/8/2011 (8-10) ft BGS mg/kg
Metals		
Aluminum	11000	10000
Arsenic	6.9	13
Barium	120 J	100 J
Beryllium	0.53 J	0.40 J
Cadmium	-	0.12 J
Calcium	2700 J	3600 J
Chromium	17	27
Cobalt	5.5 J	13
Copper	30 J	230 J
Iron	23000	31000
Lead	11	19
Magnesium	2200	3800
Manganese	210	500
Mercury	0.036 J	0.015 J
Nickel	19	100
Potassium	640	1200
Thallium	0.73 J	1.3
Vanadium	22	22
Zinc	67	420
GenChem		
Cyanide (total)	0.17 J	-

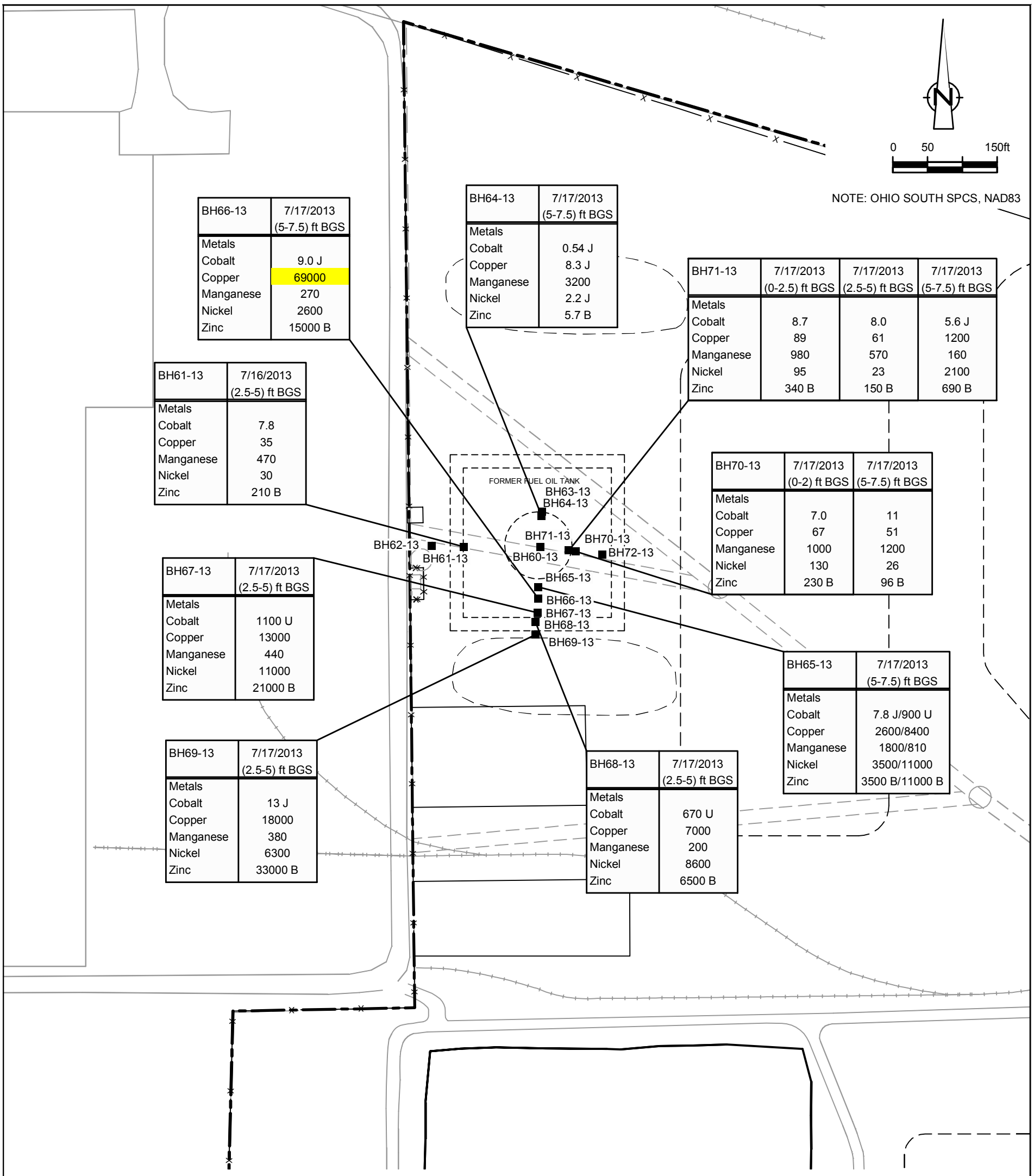
SB-205	8/8/2011 (2-3) ft BGS mg/kg	8/8/2011 (7.5-9.5) ft BGS mg/kg
VOC		
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	0.00051 J
Acetone	-	0.031 J
Carbon disulfide	-	0.0036 J
Methyl cyclohexane	-	0.00089 J
Methylene chloride	-	0.0016 J
Toluene	-	0.00028 J
Trichloroethene	-	0.0004 J
SVOC		
Fluoranthene	-	0.049 J
Pyrene	-	0.045 J
Metals		
Aluminum	24000	21000
Arsenic	1.2	2.2
Barium	290 J	230 J
Beryllium	8.4	6.9
Calcium	260000 J	200000 J
Chromium	-	22
Chromium VI (hexavalent)	-	0.97
Cobalt	0.78 J	1.8 J
Copper	1.5 J	35 J
Iron	3300	4400
Lead	0.85	6.8
Magnesium	36000	31000
Manganese	2300	2000
Nickel	0.75 J	53
Potassium	970	960
Selenium	4.2	2.7
Sodium	880	760
Thallium	2.6	1.9
Vanadium	4.0 J	6.8
Zinc	2.5	76
GenChem		
Cyanide (total)	0.69	1.1 J

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION
- EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.8.1

SOIL RESULTS - AOI 8 FORMER FUEL OIL TANK
RFI ROUND 1
RACER
Elyria, Ohio



BH66-13	7/17/2013 (5-7.5) ft BGS
Metals	
Cobalt	9.0 J
Copper	69000
Manganese	270
Nickel	2600
Zinc	15000 B

BH64-13	7/17/2013 (5-7.5) ft BGS
Metals	
Cobalt	0.54 J
Copper	8.3 J
Manganese	3200
Nickel	2.2 J
Zinc	5.7 B

BH71-13	7/17/2013 (0-2.5) ft BGS	7/17/2013 (2.5-5) ft BGS	7/17/2013 (5-7.5) ft BGS
Metals			
Cobalt	8.7	8.0	5.6 J
Copper	89	61	1200
Manganese	980	570	160
Nickel	95	23	2100
Zinc	340 B	150 B	690 B

BH61-13	7/16/2013 (2.5-5) ft BGS
Metals	
Cobalt	7.8
Copper	35
Manganese	470
Nickel	30
Zinc	210 B

BH70-13	7/17/2013 (0-2) ft BGS	7/17/2013 (5-7.5) ft BGS
Metals		
Cobalt	7.0	11
Copper	67	51
Manganese	1000	1200
Nickel	130	26
Zinc	230 B	96 B

BH67-13	7/17/2013 (2.5-5) ft BGS
Metals	
Cobalt	1100 U
Copper	13000
Manganese	440
Nickel	11000
Zinc	21000 B

BH65-13	7/17/2013 (5-7.5) ft BGS
Metals	
Cobalt	7.8 J/900 U
Copper	2600/8400
Manganese	1800/810
Nickel	3500/11000
Zinc	3500 B/11000 B

BH69-13	7/17/2013 (2.5-5) ft BGS
Metals	
Cobalt	13 J
Copper	18000
Manganese	380
Nickel	6300
Zinc	33000 B

BH68-13	7/17/2013 (2.5-5) ft BGS
Metals	
Cobalt	670 U
Copper	7000
Manganese	200
Nickel	8600
Zinc	6500 B

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- SAMPLE LOCATION

CRITERIA

Chemical Name	Screening Level	Unit
Cobalt	300	mg/kg
Copper	40000	mg/kg
Manganese	23000	mg/kg
Nickel	14000	mg/kg
Zinc	310000	mg/kg

EXCEEDS THE REGIONAL SCREENING LEVEL (RSL) SUMMARY TABLE, INDUSTRIAL SOIL, JUNE 2011.

figure 4.8.2

SOIL RESULTS - AOI 8 FORMER FUEL OIL TANK
RFI ROUND 2
RACER
Elyria, Ohio

MW-27S	3/18/2014 mg/L	9/8/2014 mg/L
VOC		
2-Butanone (Methyl ethyl ketone) (MEK)	0.00069 J	-
Benzene	0.00019 J	-
Chloroform (Trichloromethane)	-	0.0006 J
Toluene	0.00014 J	-

MW-23S	4/3/2013 mg/L	6/29/2013 mg/L	3/26/2014 mg/L	9/8/2014 mg/L
VOC				
cis-1,2-Dichloroethene	0.0099	0.0066	0.00066 J	0.0041
trans-1,2-Dichloroethene	0.0027	0.0011	-	0.00065 J
Trichloroethene	0.00051 J	0.0015	-	0.00022 J
Vinyl chloride	0.015	0.01	0.00054 J	0.014

MW-28S	3/18/2014 mg/L	9/9/2014 mg/L
VOC		
1,1-Dichloroethene	0.00045 J	0.00079 J
2-Butanone (Methyl ethyl ketone) (MEK)	0.0047 J	0.0049 J
Acetone	0.037	0.053
Benzene	0.00068 J	0.00072 J
Carbon disulfide	0.0014	0.0016
Cyclohexane	0.0015	0.0015
Ethylbenzene	0.00048 J	0.0005 J
Methyl cyclohexane	0.0011	0.00084 J
Styrene	0.00036 J	-
Tetrachloroethene	0.00059 J	0.00035 J
Toluene	0.0013	0.0019
Trichloroethene	0.0011	-
Xylenes (total)	0.0034	0.0031

MW-26S	3/17/2014 mg/L	9/9/2014 mg/L
VOC		
Carbon disulfide	0.00022 J	0.00034 J
cis-1,2-Dichloroethene	0.0029	0.0029
trans-1,2-Dichloroethene	0.00069 J	-
Vinyl chloride	0.0068	0.028

FD-05	8/29/2011 mg/L	12/7/2011 mg/L	3/2/2012 mg/L	6/21/2012 mg/L	4/2/2013 mg/L	6/27/2013 mg/L	3/25/2014 mg/L	9/11/2014 mg/L
VOC								
cis-1,2-Dichloroethene	0.066	0.096	0.059/0.06	0.051	0.059	0.054/0.053	0.081	0.051
trans-1,2-Dichloroethene	0.0043	0.0054	0.0035/0.0034	0.0027	0.0034	0.0038/0.0035	0.005	0.0033
Vinyl chloride	0.035	0.036	0.00083 J/0.00081 J	0.012	0.001 J	0.0090/0.0087	0.00037 J	-

MW-24S	3/17/2014 mg/L	9/9/2014 mg/L
VOC		
1,1,1-Trichloroethane	0.0049	0.01
1,1-Dichloroethene	0.0011	0.0019
Carbon disulfide	0.00022 J	-
cis-1,2-Dichloroethene	-	0.00046 J
trans-1,2-Dichloroethene	0.00027 J	0.00031 J
Trichloroethene	0.0024	0.0045

MW-22S	4/3/2013 mg/L	6/29/2013 mg/L	3/26/2014 mg/L	9/8/2014 mg/L
VOC				
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	-	-	0.0012 J	-
cis-1,2-Dichloroethene	0.78	0.62	0.087	0.83
trans-1,2-Dichloroethene	0.073	0.037	0.017	0.077
Trichloroethene	0.49	0.34	0.061	-
Vinyl chloride	0.029	0.027	0.095	1.2

MW-25S	3/17/2014 mg/L	9/9/2014 mg/L
VOC		
Benzene	0.00061 J	0.00024 J
Cyclohexane	0.00017 J	-
Toluene	0.00039 J	-

FD-06	8/29/2011 mg/L	12/7/2011 mg/L	3/2/2012 mg/L	6/21/2012 mg/L	4/2/2013 mg/L	6/27/2013 mg/L	3/25/2014 mg/L	9/10/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
Trichloroethene	-	-	-	0.00019 J	-	-	-	-

MW-21S	4/3/2013 mg/L	6/29/2013 mg/L	3/26/2014 mg/L	9/8/2014 mg/L
VOC				
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED
Trichloroethene	0.00079 J	-	-	-

P-14T	8/26/2011 mg/L	12/2/2011 mg/L	2/29/2012 mg/L	6/20/2012 mg/L	4/1/2013 mg/L	6/26/2013 mg/L	3/21/2014 mg/L	9/5/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
cis-1,2-Dichloroethene	-	-	-	0.00092 J	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	0.00096 J	-	-	-	-
Trichloroethene	-	-	-	0.0059	-	-	-	-

P-12TR	8/25/2011 mg/L	12/2/2011 mg/L	2/29/2012 mg/L	6/20/2012 mg/L	3/29/2013 mg/L	6/26/2013 mg/L	3/21/2014 mg/L	9/5/2014 mg/L
VOC								
Acetone	0.0044 J	-	-	-	-	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
Toluene	0.00016 J/0.00016 J	-	-	-	-	-	-	-

P-15T	8/23/2011 mg/L	12/1/2011 mg/L	2/28/2012 mg/L	6/18/2012 mg/L	3/27/2013 mg/L	6/24/2013 mg/L	3/18/2014 mg/L	9/3/2014 mg/L
VOC								
Acetone	0.0013 J	-	-	-	0.0023 J	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED
Toluene	0.00014 J	-	-	-	-	-	-	-

P-18T	8/24/2011 mg/L	12/1/2011 mg/L	2/28/2012 mg/L	6/18/2012 mg/L	3/27/2013 mg/L	6/24/2013 mg/L	3/19/2014 mg/L	9/3/2014 mg/L
VOC								
ALL VOCs	-	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
cis-1,2-Dichloroethene	-	-	0.00038 J	-	-	-	-	-
Toluene	0.00015 J	-	-	-	-	-	-	-

MW-17	3/25/2014 mg/L
VOC	
ALL VOCs	NON-DETECTED

FD-03	8/29/2011 mg/L	12/7/2011 mg/L	3/5/2012 mg/L	6/22/2012 mg/L	4/3/2013 mg/L	6/28/2013 mg/L	3/25/2014 mg/L	9/11/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED/NON-DETECTED	NON-DETECTED

FD-02	8/29/2011 mg/L	12/7/2011 mg/L	3/5/2012 mg/L	6/22/2012 mg/L	4/3/2013 mg/L	6/28/2013 mg/L	3/25/2014 mg/L	9/11/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED/NON-DETECTED

FD-01	8/29/2011 mg/L	12/7/2011 mg/L	3/5/2012 mg/L	6/22/2012 mg/L	4/3/2013 mg/L	6/28/2013 mg/L	3/25/2014 mg/L	9/11/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	-	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
cis-1,2-Dichloroethene	-	0.00021 J	-	-	-	-	-	-
Trichloroethene	-	-	-	0.0003 J	-	-	-	-

FD-14	3/20/2014 mg/L	9/3/2014 mg/L
VOC		
ALL VOCs	NON-DETECTED	NON-DETECTED

P-01T	12/6/2011 mg/L	3/1/2012 mg/L	6/21/2012 mg/L	4/2/2013 mg/L	6/27/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC							
ALL VOCs	NON-DETECTED	NON-DETECTED/NON-DETECTED	-	NON-DETECTED	-	NON-DETECTED	NON-DETECTED
trans-1,2-Dichloroethene	-	-	-	-	0.0002 J	-	-
Trichloroethene	-	-	0.00031 J	-	0.00085 J	-	-

P-08T	8/26/2011 mg/L	12/6/2011 mg/L	3/6/2012 mg/L	6/19/2012 mg/L	3/29/2013 mg/L	6/26/2013 mg/L	3/21/2014 mg/L	9/5/2014 mg/L
VOC								
Acetone	-	-	-	-	0.0028 J	-	-	-
ALL VOCs	NON-DETECTED/NON-DETECTED	NON-DETECTED	NON-DETECTED/NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED

FD-13	3/20/2014 mg/L
VOC	
ALL VOCs	NON-DETECTED

P-16T	8/25/2011 mg/L	12/5/2011 mg/L	3/1/2012 mg/L	6/19/2012 mg/L	3/28/2013 mg/L	6/25/2013 mg/L	3/20/2014 mg/L	9/4/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED/NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-21T	8/26/2011 mg/L	12/6/2011 mg/L	3/6/2012 mg/L	6/19/2012 mg/L	3/29/2013 mg/L	6/25/2013 mg/L	3/21/2014 mg/L	9/4/2014 mg/L
VOC								
ALL VOCs	-	-	-	-	-	-	-	-
Trichloroethene	0.00027 J	0.00026 J/0.00029 J	0.00027 J	NON-DETECTED	0.00017 J	NON-DETECTED	0.00021 J	0.0002 J

P-02T	8/24/2011 mg/L	12/2/2011 mg/L	2/29/2012 mg/L	6/18/2012 mg/L	3/28/2013 mg/L	6/25/2013 mg/L	3/19/2014 mg/L	9/4/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED/NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-03T	8/25/2011 mg/L	12/1/2011 mg/L	3/1/2012 mg/L	6/18/2012 mg/L	3/28/2013 mg/L	6/25/2013 mg/L	3/19/2014 mg/L	9/4/2014 mg/L
VOC								
Acetone	0.0015 J	-	-	-	0.0014 J	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED/NON-DETECTED	NON-DETECTED	NON-DETECTED/NON-DETECTED

FD-07	8/24/2011 mg/L	12/5/2011 mg/L	3/1/2012 mg/L	6/20/2012 mg/L	3/29/2013 mg/L	6/24/2013 mg/L	3/20/2014 mg/L	9/2/2014 mg/L
VOC								
Acetone	-	-	-	0.0019 J	0.0074 J	0.003 J	-	-
ALL VOCs	NON-DETECTED	NON-DETECTED	-	-	-	NON-DETECTED	NON-DETECTED	NON-DETECTED

TR-010
TR-011
TR-008
TR-005
TR-006
TR-007
TR-009
TR-001
TR-002
TR-003
TR-004
WATER TOWER
FORMER WASTE TREATMENT
FORMER WASTE DECONTAMINATION PIT
NORTHERN TRENCHES AREA
FORMER EQUIP. DECONTAMINATION TANK
OPEN BURN AREA
FORMER FUEL OIL TANK
SOUTHERN TRENCHES AREA
WATER STORAGE TANK
FORMER WASTE DRUM STORAGE PAD
NORTHERN FORMER DIE STORAGE PAD
SOUTHERN FORMER DIE STORAGE PAD
FORMER FUEL OIL TANKS
NORTHERN SLUDGE AREA
SOUTHERN SLUDGE AREA
RCRA CLOSED LANDFILL
FORMER NPDES 001 OUTFALL
WWTP EFFLUENT LINE TO OUTFALL 001 AREA
MW-27S
MW-28S
TR-012
MW-23S
MW-26S 744.84
FD-05
MW-24S
MW-22S
MW-25S
MW-16R 745.02
FD-06
MW-21S
FD-03
MW-17 742.27
FD-02
FD-01
FD-14
P-01T
P-08T
FD-13
FD-12
P-16T
P-11
P-21T
P-2T
P-12TR
P-02T
FD-07
P-3T
P-13T
P-18T
P-15T
P-14T
P-1T
P-8T
P-16T

LEGEND

- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- TRENCH (WESTON, 1988)
- MONITORING WELL LOCATION

0 60 120ft

DRAFT

No	Revision	Date	Initial

SCALE VERIFICATION

THIS BAR MEASURES 1" ON ORIGINAL. ADJUST SCALE ACCORDINGLY.

Approved

DRAWING STATUS

Status	Date	Initial

TILL CONTACT ANALYTICAL RESULTS SEPTEMBER 2014

ELYRA, OHIO

RFI INVESTIGATION
RACER

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
A.L.	A.L.	OCTOBER 2014	
Scale: 1:120	Project No: 12616-T02	Report No: 048	Drawing No: 4.9.1

12616-T02(048)GN-WA017 APR 2/2015

MW-27D	3/17/2014 mg/L	9/9/2014 mg/L
VOC		
ALL VOCs	-	NON-DETECTED
Benzene	0.00049 J	-
Toluene	0.00019 J	-

MW-23D	4/3/2013 mg/L	6/29/2013 mg/L	3/26/2014 mg/L	9/8/2014 mg/L
VOC				
cis-1,2-Dichloroethene	0.17	0.16	0.086	0.057
trans-1,2-Dichloroethene	0.016	0.017	0.014	0.017
Vinyl chloride	0.19	0.23	0.24	0.42

MW-28D	3/18/2014 mg/L	9/9/2014 mg/L
VOC		
1,1-Dichloroethane	-	0.00041 J/0.00046 J
2-Butanone (Methyl ethyl ketone) (MEK)	0.0057 J	0.0043 J/0.0043 J
Acetone	0.042	0.042/0.044
Benzene	0.0002 J	-
Carbon disulfide	-	0.0012/0.0015
cis-1,2-Dichloroethene	0.01	0.014/0.015
Cyclohexane	0.00039 J	-
Methyl cyclohexane	0.00025 J	-
Toluene	0.00026 J	-
trans-1,2-Dichloroethene	0.0024	0.0034/0.0036
Trichloroethene	0.0066	0.0019/0.002
Vinyl chloride	0.0046	0.012/0.013

MW-26D	3/17/2014 mg/L	9/9/2014 mg/L
VOC		
Carbon disulfide	-	0.00086 J
cis-1,2-Dichloroethene	0.005	0.0071
trans-1,2-Dichloroethene	0.0011	0.0011
Vinyl chloride	0.0096	0.024

MW-22D	4/3/2013 mg/L	6/29/2013 mg/L	3/26/2014 mg/L	9/8/2014 mg/L
VOC				
1,1-Dichloroethane	0.0017 J	0.0025 J	0.0027 J	0.0028
cis-1,2-Dichloroethene	0.13	0.11	0.1	0.096
trans-1,2-Dichloroethene	0.055	0.048	0.049	0.034
Trichloroethene	0.013	0.011	0.0063	0.003
Vinyl chloride	0.013	0.012	0.012	0.026

MW-25D	3/17/2014 mg/L	9/9/2014 mg/L
VOC		
Acetone	0.012	-
Benzene	0.00014 J	-
Carbon disulfide	-	0.00062 J

P-05R	8/26/2011 mg/L	12/6/2011 mg/L	3/2/2012 mg/L	6/21/2012 mg/L	4/1/2013 mg/L	6/27/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC								
1,1-Dichloroethene	-	-	0.003 J	-	0.0048 J	-	0.0029 J	-
Acetone	-	-	-	-	-	0.025 J	-	-
cis-1,2-Dichloroethene	0.45	0.36	0.34	0.37	0.39	0.38	0.36	0.46
trans-1,2-Dichloroethene	0.22	0.19	0.17	0.16	0.19	0.19	0.17	0.18
Trichloroethene	0.58	0.42	0.38	0.41	0.41 J	0.46	0.41	0.5
Vinyl chloride	0.055	0.057	0.071	0.057	0.14	0.095	0.074	0.079

P-05SR	8/26/2011 mg/L	12/6/2011 mg/L	3/2/2012 mg/L	6/21/2012 mg/L	4/1/2013 mg/L	6/27/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC								
Acetone	-	-	-	0.0012 J	-	-	-	-
cis-1,2-Dichloroethene	0.0045	0.01/0.011	0.0079	0.0029	0.0029	0.0046	0.0026	0.0037
trans-1,2-Dichloroethene	-	0.005/0.0052	0.0054	-	-	0.0015	-	-
Trichloroethene	-	0.0180.02	0.022	-	0.00026 J	0.0079	-	-
Vinyl chloride	0.00082 J	0.0014/0.0015	0.0013	-	0.00045 J	-	0.0003 J	-

MW-21D	4/3/2013 mg/L	6/28/2013 mg/L	3/26/2014 mg/L	9/8/2014 mg/L
VOC				
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED
cis-1,2-Dichloroethene	0.00053 J	-	-	-
Trichloroethene	0.0014	-	-	-

MW-20	6/20/2012 mg/L	9/8/2014 mg/L
VOC		
cis-1,2-Dichloroethene	-	0.00038 J
Trichloroethene	0.00049 J	-

P-14	8/25/2011 mg/L	12/2/2011 mg/L	2/29/2012 mg/L	6/20/2012 mg/L	4/1/2013 mg/L	6/26/2013 mg/L	3/21/2014 mg/L	9/5/2014 mg/L
VOC								
Acetone	0.0016 J	-	-	-	-	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
cis-1,2-Dichloroethene	-	-	-	0.0023	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	0.0018	-	-	-	-
Trichloroethene	-	-	-	0.012	-	-	-	-

P-12	8/25/2011 mg/L	12/2/2011 mg/L	2/29/2012 mg/L	6/20/2012 mg/L	3/29/2013 mg/L	6/26/2013 mg/L	3/21/2014 mg/L	9/5/2014 mg/L
VOC								
Acetone	0.002 J	-	-	-	-	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-15	8/23/2011 mg/L	12/1/2011 mg/L	2/28/2012 mg/L	6/18/2012 mg/L	3/27/2013 mg/L	6/24/2013 mg/L	3/18/2014 mg/L	9/3/2014 mg/L
VOC								
Acetone	0.0011 J	-	-	-	0.0029 J	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED
Toluene	0.00014 J	-	-	-	-	-	-	-

P-18	8/24/2011 mg/L	12/1/2011 mg/L	2/28/2012 mg/L	6/18/2012 mg/L	3/27/2013 mg/L	6/24/2013 mg/L	3/19/2014 mg/L	9/3/2014 mg/L
VOC								
Acetone	-	-	-	-	0.0016 J	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED
Toluene	0.00014 J	-	-	-	-	-	-	-

MW-15R	8/29/2011 mg/L	12/7/2011 mg/L	3/2/2012 mg/L	6/21/2012 mg/L	4/2/2013 mg/L	6/28/2013 mg/L	3/25/2014 mg/L	9/11/2014 mg/L
VOC								
ALL VOCs	-	-	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
Carbon disulfide	-	0.0011	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.00046 J	-	-	-	-	-	-	-
Trichloroethene	-	-	-	0.00032 J/0.00036 J	-	-	-	-
Vinyl chloride	0.00022 J	-	-	-	-	-	-	-

FD-04	8/29/2011 mg/L	12/7/2011 mg/L	3/5/2012 mg/L	6/22/2012 mg/L	4/3/2013 mg/L	6/28/2013 mg/L	3/25/2014 mg/L	9/11/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED
cis-1,2-Dichloroethene	-	0.00085 J	-	-	-	-	-	-
Vinyl chloride	-	0.00036 J	-	-	-	-	-	-

MW-16R	8/29/2011 mg/L	12/7/2011 mg/L	3/3/2012 mg/L	6/21/2012 mg/L	4/2/2013 mg/L	6/27/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC								
Carbon disulfide	0.00015 J	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	0.0018	0.0013	0.00057 J	0.0024	0.00056 J	0.0017	0.00046 J	0.00083 J
Vinyl chloride	0.031	0.0094	0.0006 J	0.016	0.0021	0.011	-	0.0062

MW-18	6/22/2012 mg/L	4/2/2013 mg/L	6/28/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC					
Chloroethane	-	-	-	-	0.00033 J
cis-1,2-Dichloroethene	0.0054	0.0011/0.0012	0.0018	0.0011	0.0021
trans-1,2-Dichloroethene	0.00042 J	-	-	-	-
Vinyl chloride	0.0047	0.00052 J/0.00064 J	0.0033	-	0.0036

MW-19	6/22/2012 mg/L	4/2/2013 mg/L	6/28/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC					
ALL VOCs	-	-	-	NON-DETECTED	-
Trichloroethene	0.00026 J	-	-	-	-
Vinyl chloride	0.0034	0.0026	0.0063	-	0.0004 J

P-01	12/6/2011 mg/L	3/1/2012 mg/L	6/21/2012 mg/L	4/2/2013 mg/L	6/27/2013 mg/L	3/24/2014 mg/L	9/10/2014 mg/L
VOC							
ALL VOCs	-	-	-	-	-	NON-DETECTED	-
Trichloroethene	-	-	0.00044 J	-	0.00061 J	-	-
Vinyl chloride	0.005	0.00056 J	0.0064	0.00026 J	0.0023	-	0.0014

FD-11	3/20/2014 mg/L	9/3/2014 mg/L
VOC		
ALL VOCs	NON-DETECTED	NON-DETECTED

P-08R	8/26/2011 mg/L	12/6/2011 mg/L	3/6/2012 mg/L	6/19/2012 mg/L	3/29/2013 mg/L	6/26/2013 mg/L	3/21/2014 mg/L	9/5/2014 mg/L
VOC								
Acetone	-	-	-	-	0.0011 J	-	-	-
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED/NON-DETECTED	NON-DETECTED

FD-09	12/6/2011 mg/L	3/1/2012 mg/L	6/20/2012 mg/L	4/1/2013 mg/L	6/24/2013 mg/L	3/20/2014 mg/L
VOC						
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-16	8/25/2011 mg/L	12/5/2011 mg/L	2/29/2012 mg/L	6/19/2012 mg/L	3/28/2013 mg/L	6/25/2013 mg/L	3/19/2014 mg/L	9/4/2014 mg/L
VOC								
Acetone	0.0016 J	-	-	-	0.0012 J/0.0012 J	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED

FD-08	3/29/2013 mg/L
VOC	
Acetone	0.0014 J

FD-08R	8/24/2011 mg/L	12/5/2011 mg/L	3/1/2012 mg/L	6/20/2012 mg/L	6/24/2013 mg/L	3/20/2014 mg/L	9/2/2014 mg/L
VOC							
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-21	8/26/2011 mg/L	12/6/2011 mg/L	3/6/2012 mg/L	6/19/2012 mg/L	3/28/2013 mg/L	6/25/2013 mg/L	3/20/2014 mg/L	9/5/2014 mg/L
VOC								
Acetone	-	-	-	-	0.0014 J	-	-	-
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	-	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-20	4/1/2013 mg/L	6/26/2013 mg/L	3/24/2014 mg/L
VOC			
cis-1,2-Dichloroethene	0.00041 J	0.00042 J	0.00025 J

P-02	8/24/2011 mg/L	12/2/2011 mg/L	2/29/2012 mg/L	6/18/2012 mg/L	3/28/2013 mg/L	6/25/2013 mg/L	3/19/2014 mg/L	9/4/2014 mg/L
VOC								
ALL VOCs	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

P-03R	8/25/2011 mg/L	12/1/2011 mg/L	3/1/2012 mg/L	6/18/2012 mg/L	3/28/2013 mg/L	6/24/2013 mg/L	3/19/2014 mg/L	9/4/2014 mg/L
VOC								
Acetone	0.0012 J	-	-	-	-	-	-	-
ALL VOCs	-	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED	NON-DETECTED

WATER TOWER
MW-27D
FORMER WASTE TREATMENT
MW-28D
TR-012
MW-23D
FORMER WASTE DECONTAMINATION PIT
NORTHERN TRENCHES AREA
TR-010
TR-011
FD-04
TR-008
MW-15R
TR-005
TR-006
TR-007
FORMER EQUIP. DECONTAMINATION TANK
BUILDING
MW-26D
FORMER EQUIP DECONTAMINATION TANK
TR-009
OPEN BURN AREA
WATER STORAGE TANK
FORMER WASTE DRUM STORAGE PAD
FORMER FUEL OIL TANK
MW-22D
MW-17
NORTHERN SLUDGE AREA
SOUTHERN TRENCHES AREA
MW-25D
TR-001
TR-002
MW-16R
TR-003
TR-004
MW-18
NORTHERN FORMER DIE STORAGE PAD
FORMER FUEL OIL TANKS
MW-19
WWTP EFFLUENT LINE TO OUTFALL 001 AREA
FD-11
SOUTHERN FORMER DIE STORAGE PAD
P-5R
P-5SR
MW-21D
P-1
FD-09
FORMER NPDES 001 OUTFALL
MW-20
P-8R
P-21
P-14
P-16
FD-08
FD-08R
P-20
P-12
RCRA CLOSED LANDFILL
P-2
P-15
P-18
P-3R
SOUTHERN SLUDGE AREA
P-13
P-19

0 60 120ft

LEGEND
- BUILDING
- FENCE LINE
- SITE BOUNDARY
- RAILROAD
- FORMER FACILITY AREA
- MANHOLE
- CATCH BASIN
- TRENCH (WESTON, 1988)
- MONITORING WELL LOCATION

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DRAFT

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Approved

DRAWING STATUS

Status	Date	Initial

BEDROCK ANALYTICAL RESULTS SEPTEMBER 2014

ELYRA, OHIO

RFI INVESTIGATION
RACER

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
A.L.	A.L.	OCTOBER 2014	
Scale: 1:120	Project NO: 12616-T02	Report NO: 048	Drawing NO: 4.9.2

12616-T02(048)GN-WA018 APR 2/2015

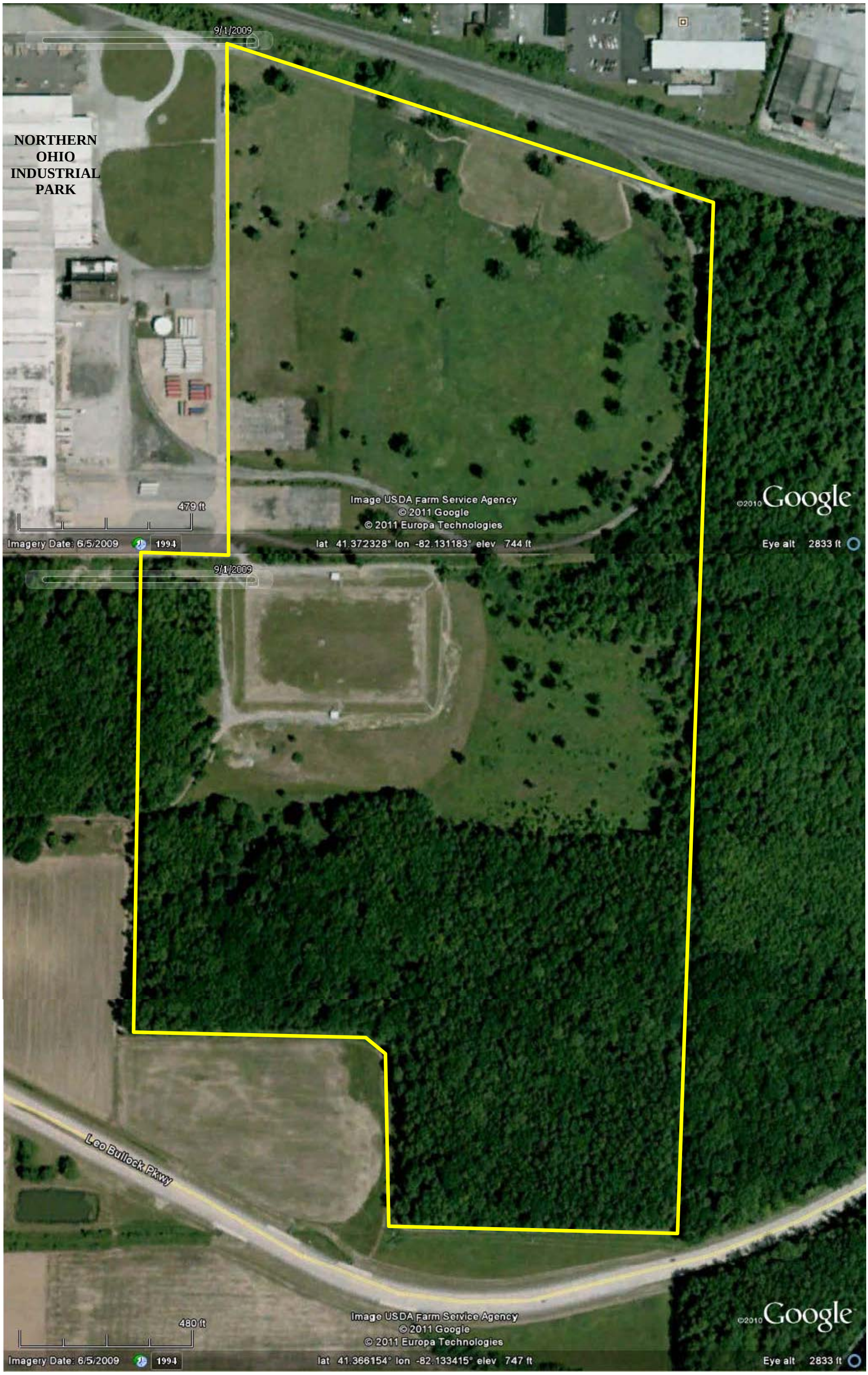


FIGURE 2 - AERIAL PHOTORAPH

Soil Map—Lorain County, Ohio
RACER Property, Elyria, Ohio

FIGURE 3 - SOIL SURVEY MAP

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

MAP INFORMATION

Map Scale: 1:6,280 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at 1:15,840.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 17N NAD83

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lorain County, Ohio
Survey Area Data: Version 11, Jan 7, 2009

Date(s) aerial images were photographed: 6/29/2004; 6/30/2004

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

FIGURE 3 - SOIL SURVEY MAP

Map Unit Legend

Lorain County, Ohio (OH093)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
BtB	Bogart loam, 2 to 6 percent slopes	2.9	1.3%
FcA	Fitchville silt loam, 0 to 2 percent slopes	10.5	4.8%
FeA	Fitchville-Urban land complex, nearly level	8.7	4.0%
HsA	Haskins loam, 0 to 2 percent slopes	14.6	6.8%
HtA	Haskins-Urban land complex, nearly level	76.5	35.3%
Ly	Luray silty clay loam	57.1	26.3%
MkA	Mahoning-Tiro silt loams, 0 to 2 percent slopes	12.0	5.5%
Mo	Mermill loam	5.3	2.4%
Mr	Miner silty clay loam	21.2	9.8%
MtA	Mitiwanga silt loam, 0 to 2 percent slopes	0.6	0.3%
Om	Olmsted fine sandy loam	7.5	3.5%
Totals for Area of Interest		**216.8**	**100.0%**

FIGURE 3 - SOIL SURVEY MAP

U.S. Fish and Wildlife Service

National Wetlands Inventory

RACER PROPERTY
Elyria, OH

Oct 19, 2011

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks: *PF01C*: Palustrine forested; broad-leaved deciduous; seasonally flooded
PSS1C: Palustrine scrub-shrub; broad-leaved deciduous; seasonally flooded

FIGURE 4
NATIONAL WETLANDS INVENTORY MAP

LOWELL STREET (60') MILAN-ELYRIA RD.

0 100 300ft

NORTHERN OHIO INDUSTRIAL PARK BUILDING

FORMER FUEL OIL TANK

OPEN BURN AREA

NORTHERN SLUDGE AREA

CONCRETE PAD

CONCRETE PAD

FORMER WWTP EFFLUENT LINE FROM FORMER INLAND FISHER GUIDE PLANT. CURRENTLY THIS LINE CARRIES STORMWATER FROM NORTHERN OHIO INDUSTRIAL PARK.

LEACHATE STORAGE SHED

RCRA CLOSED LANDFILL

NW SECONDARY SUMP
NW PRIMARY SUMP
NE SECONDARY SUMP
NE PRIMARY SUMP
SW PRIMARY SUMP
SE PRIMARY SUMP
SW SECONDARY SUMP
SE SECONDARY SUMP

WOODED AREA

DRAINAGE LINE

M.H. GRATE

OPEN MEADOW

LEACHATE STORAGE SHED

SOUTHERN SLUDGE AREA

OPEN DITCH

WOODED AREA

SEE DETAILS ON FIGURE 2

LEGEND

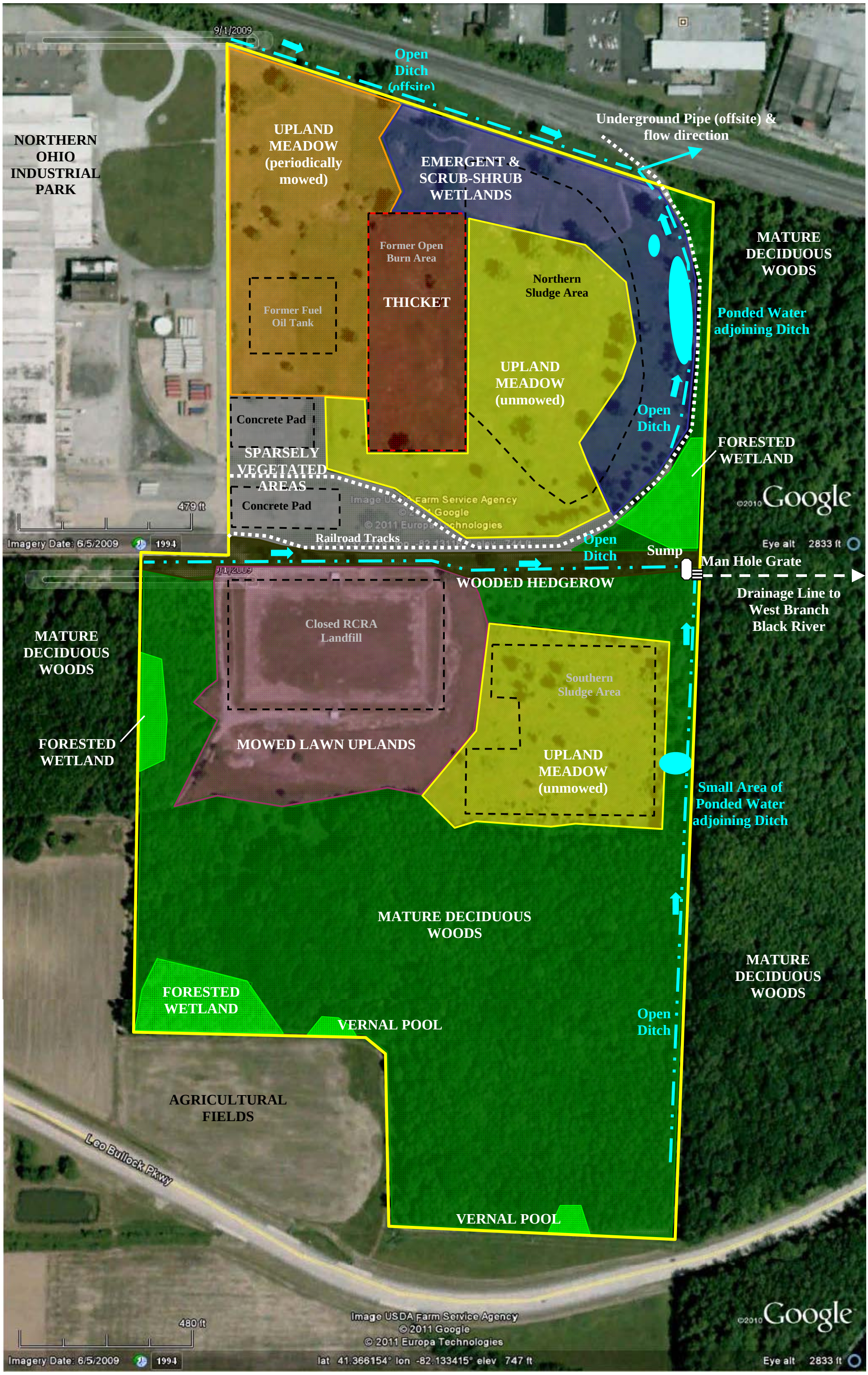
- PROPERTY BOUNDARY
- FENCE
- RAILROAD TRACKS
- GRAVEL
- CONTOUR
- DITCH

- TILL WELL LOCATION
- TILL-BEDROCK CONTACT WELL LOCATION
- BEDROCK WELL LOCATION

figure 4.1

SITE DRAINAGE MAP
CLOSED LANDFILL
REALM, INC.
Elyria, Ohio

12616-70(036)GN-WA005 FEB 08/2008



Note: Extent of habitat cover types estimated from 10/4/2011 site visit conducted by CRA.

FIGURE 6 - HABITAT COVER TYPE MAP

TABLE 4.1.1
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***
Sample Location:			***SB-208***	***SB-208***	***SB-211***	***SB-211***
Sample ID:			***S-12616-080911-DN-18***	***S-12616-080911-DN-19***	***S-12616-080911-DN-25***	***S-12616-080911-DN-26***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(4-6) ft BGS***	***(2-4) ft BGS***	***(4-6) ft BGS***
Parameters:	***Units***	RSL June 2011				
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg		-	0.005 U	-	-
1,1,2,2-Tetrachloroethane	mg/kg		-	0.005 U	-	-
1,1,2-Trichloroethane	mg/kg		-	0.005 U	-	-
1,1-Dichloroethane	mg/kg		-	0.005 U	-	-
1,1-Dichloroethene	mg/kg		-	0.005 U	-	-
1,2,4-Trichlorobenzene	mg/kg	99	-	0.005 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		-	0.01 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		-	0.005 U	-	-
1,2-Dichlorobenzene	mg/kg		-	0.005 U	-	-
1,2-Dichloroethane	mg/kg		-	0.005 U	-	-
1,2-Dichloropropane	mg/kg		-	0.005 U	-	-
1,3-Dichlorobenzene	mg/kg		-	0.005 U	-	-
1,4-Dichlorobenzene	mg/kg		-	0.005 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	-	0.02 U	-	-
2-Hexanone	mg/kg		-	0.02 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	-	0.02 U	-	-
Acetone	mg/kg	630000	-	0.02 U	-	-
Benzene	mg/kg		-	0.005 U	-	-
Bromodichloromethane	mg/kg		-	0.005 U	-	-
Bromoform	mg/kg		-	0.005 U	-	-
Bromomethane (Methyl bromide)	mg/kg		-	0.005 U	-	-
Carbon disulfide	mg/kg	3700	-	0.00097 J	-	-
Carbon tetrachloride	mg/kg		-	0.005 U	-	-
Chlorobenzene	mg/kg		-	0.005 U	-	-
Chloroethane	mg/kg		-	0.005 UJ	-	-
Chloroform (Trichloromethane)	mg/kg		-	0.005 U	-	-
Chloromethane (Methyl chloride)	mg/kg		-	0.005 U	-	-
cis-1,2-Dichloroethene	mg/kg		-	0.005 U	-	-
cis-1,3-Dichloropropene	mg/kg		-	0.005 U	-	-
Cyclohexane	mg/kg		-	0.01 U	-	-
Dibromochloromethane	mg/kg		-	0.005 U	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg		-	0.005 U	-	-
Ethylbenzene	mg/kg	27	-	0.005 U	-	-
Isopropyl benzene	mg/kg	11000	-	0.005 U	-	-
Methyl acetate	mg/kg	1000000	-	0.0049 J	-	-
Methyl cyclohexane	mg/kg	29000	-	0.01 U	-	-
Methyl tert butyl ether (MTBE)	mg/kg		-	0.02 U	-	-
Methylene chloride	mg/kg	53	-	0.0017 J	-	-
Styrene	mg/kg		-	0.005 U	-	-
Tetrachloroethene	mg/kg	2.6	-	0.005 U	-	-
Toluene	mg/kg	45000	-	0.005 U	-	-
trans-1,2-Dichloroethene	mg/kg		-	0.005 U	-	-
trans-1,3-Dichloropropene	mg/kg		-	0.005 U	-	-
Trichloroethene	mg/kg	14	-	0.005 U	-	-
Trichlorofluoromethane (CFC-11)	mg/kg		-	0.005 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg		-	0.005 U	-	-
Vinyl chloride	mg/kg		-	0.005 U	-	-
Xylenes (total)	mg/kg	2700	-	0.01 U	-	-
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg		-	0.12 U	-	-
2,4,5-Trichlorophenol	mg/kg		-	0.18 U	-	-
2,4,6-Trichlorophenol	mg/kg		-	0.18 U	-	-
2,4-Dichlorophenol	mg/kg		-	0.18 U	-	-
2,4-Dimethylphenol	mg/kg		-	0.18 U	-	-
2,4-Dinitrophenol	mg/kg		-	0.4 U	-	-
2,4-Dinitrotoluene	mg/kg		-	0.24 U	-	-
2,6-Dinitrotoluene	mg/kg		-	0.24 U	-	-
2-Chloronaphthalene	mg/kg		-	0.061 U	-	-
2-Chlorophenol	mg/kg		-	0.061 U	-	-
2-Methylnaphthalene	mg/kg	4100	-	0.043	-	-
2-Methylphenol	mg/kg		-	0.24 U	-	-
2-Nitroaniline	mg/kg		-	0.24 U	-	-
2-Nitrophenol	mg/kg		-	0.061 U	-	-
3&4-Methylphenol	mg/kg		-	0.49 U	-	-
3,3'-Dichlorobenzidine	mg/kg		-	0.12 U	-	-
3-Nitroaniline	mg/kg		-	0.24 U	-	-
4,6-Dinitro-2-methylphenol	mg/kg		-	0.18 U	-	-
4-Bromophenyl phenyl ether	mg/kg		-	0.061 U	-	-
4-Chloro-3-methylphenol	mg/kg		-	0.18 U	-	-
4-Chloroaniline	mg/kg		-	0.18 U	-	-
4-Chlorophenyl phenyl ether	mg/kg		-	0.061 U	-	-

TABLE 4.1.1
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***
Sample Location:			***SB-208***	***SB-208***	***SB-211***	***SB-211***
Sample ID:			***S-12616-080911-DN-18***	***S-12616-080911-DN-19***	***S-12616-080911-DN-25***	***S-12616-080911-DN-26***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(4-6) ft BGS***	***(2-4) ft BGS***	***(4-6) ft BGS***
Parameters:	***Units***	RSL June 2011				
Volatile Organic Compounds						
4-Nitroaniline	mg/kg		-	0.24 U	-	-
4-Nitrophenol	mg/kg		-	0.4 U	-	-
Acenaphthene	mg/kg	33000	-	0.02	-	-
Acenaphthylene	mg/kg		-	0.0082 U	-	-
Acetophenone	mg/kg		-	0.12 U	-	-
Anthracene	mg/kg	170000	-	0.028	-	-
Atrazine	mg/kg		-	0.24 U	-	-
Benzaldehyde	mg/kg		-	0.12 U	-	-
Benzo(a)anthracene	mg/kg	2.1	-	0.042	-	-
Benzo(a)pyrene	mg/kg	0.21	-	0.035	-	-
Benzo(b)fluoranthene	mg/kg	2.1	-	0.054	-	-
Benzo(g,h,i)perylene	mg/kg	4100	-	0.028	-	-
Benzo(k)fluoranthene	mg/kg	21	-	0.033	-	-
Biphenyl (1,1-Biphenyl)	mg/kg		-	0.061 U	-	-
bis(2-Chloroethoxy)methane	mg/kg		-	0.12 U	-	-
bis(2-Chloroethyl)ether	mg/kg		-	0.12 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	-	0.095	-	-
Butyl benzylphthalate (BBP)	mg/kg		-	0.061 U	-	-
Caprolactam	mg/kg		-	0.4 U	-	-
Carbazole	mg/kg		-	0.061 U	-	-
Chrysene	mg/kg	210	-	0.048	-	-
Dibenz(a,h)anthracene	mg/kg		-	0.0082 U	-	-
Dibenzofuran	mg/kg	1000	-	0.016 J	-	-
Diethyl phthalate	mg/kg		-	0.061 U	-	-
Dimethyl phthalate	mg/kg		-	0.061 U	-	-
Di-n-butylphthalate (DBP)	mg/kg	62000	-	0.031 J	-	-
Di-n-octyl phthalate (DnOP)	mg/kg		-	0.061 U	-	-
Fluoranthene	mg/kg	22000	-	0.11	-	-
Fluorene	mg/kg	22000	-	0.015	-	-
Hexachlorobenzene	mg/kg		-	0.0082 U	-	-
Hexachlorobutadiene	mg/kg		-	0.061 U	-	-
Hexachlorocyclopentadiene	mg/kg		-	0.4 U	-	-
Hexachloroethane	mg/kg		-	0.061 U	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	-	0.023	-	-
Isophorone	mg/kg		-	0.061 U	-	-
Naphthalene	mg/kg	18	-	0.031	-	-
Nitrobenzene	mg/kg		-	0.12 U	-	-
N-Nitrosodi-n-propylamine	mg/kg		-	0.061 U	-	-
N-Nitrosodiphenylamine	mg/kg		-	0.061 U	-	-
Pentachlorophenol	mg/kg		-	0.18 U	-	-
Phenanthrene	mg/kg	4100	-	0.1	-	-
Phenol	mg/kg		-	0.061 U	-	-
Pyrene	mg/kg	17000	-	0.086	-	-
Metals						
Aluminum	mg/kg	990000	-	9500	11000	9900
Antimony	mg/kg	410	-	1.1 UJ	1.2 UJ	0.46 J
Arsenic	mg/kg	1.6	-	**5.5**	**17**	**7.9**
Barium	mg/kg	190000	-	90 J	220	85
Beryllium	mg/kg	2000	-	0.49 J	0.51 J	0.42 J
Cadmium	mg/kg	800	-	0.22 U	0.63	0.12 J
Calcium	mg/kg		-	5900 J	2600	8400
Chromium	mg/kg	1500000	-	27	20	60
Chromium VI (hexavalent)	mg/kg	5.6	-	0.98 U	0.80 J	0.98 U
Cobalt	mg/kg	300	-	5.1 J	27 J	8.4 J
Copper	mg/kg	41000	-	60 J	29	50
Iron	mg/kg	720000	-	16000	36000	24000
Lead	mg/kg	800	-	17	15	16
Magnesium	mg/kg		-	2300	3800	4100
Manganese	mg/kg	23000	-	190	3400	1400
Mercury	mg/kg	43	-	0.023 J	0.021 J	0.037 J
Nickel	mg/kg	20000	-	29	69 J	44 J
Potassium	mg/kg		-	690	1400	890
Selenium	mg/kg	5100	-	0.54 U	0.58 U	0.56 U
Silver	mg/kg	5100	-	0.54 U	0.58 U	0.56 U
Sodium	mg/kg		-	540 U	150 J	96 J
Thallium	mg/kg	10	-	1.1 U	2.8	1.8
Vanadium	mg/kg	5200	-	20	27	28
Zinc	mg/kg	310000	-	130	71	220
Diox Fur						

TABLE 4.1.1
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***
Sample Location:			***SB-208***	***SB-208***	***SB-211***	***SB-211***
Sample ID:			***S-12616-080911-DN-18***	***S-12616-080911-DN-19***	***S-12616-080911-DN-25***	***S-12616-080911-DN-26***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(4-6) ft BGS***	***(2-4) ft BGS***	***(4-6) ft BGS***
Parameters:	***Units***	RSL June 2011				
Volatile Organic Compounds						
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	mg/kg	0.18	0.000045	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/kg	0.18	0.000075	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/kg	0.0018	0.000024	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/kg	0.0018	0.000011	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/kg	0.0018	0.000005 J	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/kg	0.00018	0.0000045 J	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/kg		0.000006 U	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/kg	0.00018	0.0000014 J	-	-	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/kg	0.00018	0.00000049 J	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/kg		0.000006 U	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/kg	0.00018	0.00000037 J	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/kg		0.000006 U	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	mg/kg		0.000006 U	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/kg	0.00018	0.0000011 J	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/kg	0.000036	0.00000099 J	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/kg	0.00018	0.000001 J	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/kg	1.8e-005	0.00000039 J	-	-	-
Total heptachlorodibenzofuran (HpCDF)	mg/kg		0.000045	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	mg/kg		0.000021	-	-	-
Total hexachlorodibenzofuran (HxCDF)	mg/kg		0.00002	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	mg/kg		0.0000049	-	-	-
Total pentachlorodibenzofuran (PeCDF)	mg/kg		0.0000095	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	mg/kg		0.0000013	-	-	-
Total tetrachlorodibenzofuran (TCDF)	mg/kg		0.0000038	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	mg/kg		0.0000019	-	-	-
General Chemistry						
Cyanide (total)	mg/kg	20000	-	R	R	R
Percent moisture	%		20.9	-	-	-

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.1.2
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***
Sample Location:			***BH73-13***	***BH76-13***	***BH77-13***	***BH78-13***
Sample ID:			***S-12616-071713-DN-72***	***S-12616-071813-DN-73***	***S-12616-071813-DN-74***	***S-12616-071813-DN-75***
Sample Date:			***7/17/2013***	***7/18/2013***	***7/18/2013***	***7/18/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***	***(0-2.5) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	6.8 J	13	7.1	14
Copper	mg/kg	41000	1100	40	26	44
Manganese	mg/kg	23000	1100	1100	420	460
Nickel	mg/kg	20000	140	53	17	48
Zinc	mg/kg	310000	1900	140	82	150

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.1.2
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***
Sample Location:			***BH79-13***	***BH81-13***	***BH82-13***	***BH83-13***
Sample ID:			***S-12616-071813-DN-76***	***S-12616-071813-DN-77***	***S-12616-071813-DN-78***	***S-12616-071813-DN-79***
Sample Date:			***7/18/2013***	***7/18/2013***	***7/18/2013***	***7/18/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	5.7	6.3	8.2	7.9
Copper	mg/kg	41000	9.0	170	130	26
Manganese	mg/kg	23000	240	140	740	1600
Nickel	mg/kg	20000	14	47	100	34
Zinc	mg/kg	310000	54	150	750	83

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.1.2
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***	***AOI 1 - Open Burn Area***
Sample Location:			***BH84-13***	***BH85-13***	***BH86-13***	***BH86-13***
Sample ID:			***S-12616-071813-DN-80***	***S-12616-071813-DN-81***	***S-12616-071813-DN-82***	***S-12616-071813-DN-83***
Sample Date:			***7/18/2013***	***7/18/2013***	***7/18/2013***	***7/18/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(0-2.5) ft BGS (Duplicate)***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	7.9	6.0	7.5	7.2
Copper	mg/kg	41000	53	120	150	82
Manganese	mg/kg	23000	600	500	960	520
Nickel	mg/kg	20000	58	42	160	100
Zinc	mg/kg	310000	130	340	630	550

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.1.2
SOIL SAMPLING SUMMARY
AOI 1 - OPEN BURN AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 1 - Open Burn Area***
Sample Location:			***BH86-13***
Sample ID:			***S-12616-071813-DN-84***
Sample Date:			***7/18/2013***
Sample Depth:			***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011	
Metals			
Cobalt	mg/kg	300	7.7
Copper	mg/kg	41000	78
Manganese	mg/kg	23000	2000
Nickel	mg/kg	20000	130
Zinc	mg/kg	310000	500

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.2.1
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***SB-209***	***SB-209***	***SB-210***	***SB-210***	***SB-210***
Sample ID:			***S-12616-080911-DN-20***	***S-12616-080911-DN-21***	***S-12616-080911-DN-22***	***S-12616-080911-DN-23***	***S-12616-080911-DN-24***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(2-4) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***	***(4-6) ft BGS (Duplicate)***
Parameters:	***Units***	RSL June 2011					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/kg		0.0071 U	-	0.0071 U	-	-
1,1,2,2-Tetrachloroethane	mg/kg		0.0071 U	-	0.0071 U	-	-
1,1,2-Trichloroethane	mg/kg		0.0071 U	-	0.0071 U	-	-
1,1-Dichloroethane	mg/kg		0.0071 U	-	0.0071 U	-	-
1,1-Dichloroethene	mg/kg		0.0071 U	-	0.0071 U	-	-
1,2,4-Trichlorobenzene	mg/kg	99	0.0071 U	-	0.0071 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		0.014 U	-	0.014 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		0.0071 U	-	0.0071 U	-	-
1,2-Dichlorobenzene	mg/kg		0.0071 U	-	0.0071 U	-	-
1,2-Dichloroethane	mg/kg		0.0071 U	-	0.0071 U	-	-
1,2-Dichloropropane	mg/kg		0.0071 U	-	0.0071 U	-	-
1,3-Dichlorobenzene	mg/kg		0.0071 U	-	0.0071 U	-	-
1,4-Dichlorobenzene	mg/kg		0.0071 U	-	0.0071 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	0.029 U	-	0.028 U	-	-
2-Hexanone	mg/kg		0.029 U	-	0.028 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	0.029 U	-	0.028 U	-	-
Acetone	mg/kg	630000	0.029 U	-	0.028 U	-	-
Benzene	mg/kg		0.0071 U	-	0.0071 U	-	-
Bromodichloromethane	mg/kg		0.0071 U	-	0.0071 U	-	-
Bromoform	mg/kg		0.0071 U	-	0.0071 U	-	-
Bromomethane (Methyl bromide)	mg/kg		0.0071 U	-	0.0071 U	-	-
Carbon disulfide	mg/kg	3700	0.0013 J	-	0.0071 U	-	-
Carbon tetrachloride	mg/kg		0.0071 U	-	0.0071 U	-	-
Chlorobenzene	mg/kg		0.0071 U	-	0.0071 U	-	-
Chloroethane	mg/kg		0.0071 UJ	-	0.0071 UJ	-	-
Chloroform (Trichloromethane)	mg/kg		0.0071 U	-	0.0071 U	-	-
Chloromethane (Methyl chloride)	mg/kg		0.0071 U	-	0.0071 U	-	-
cis-1,2-Dichloroethene	mg/kg		0.0071 U	-	0.0071 U	-	-
cis-1,3-Dichloropropene	mg/kg		0.0071 U	-	0.0071 U	-	-
Cyclohexane	mg/kg		0.014 U	-	0.014 U	-	-
Dibromochloromethane	mg/kg		0.0071 U	-	0.0071 U	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg		0.0071 U	-	0.0071 U	-	-
Ethylbenzene	mg/kg	27	0.0071 U	-	0.0071 U	-	-
Isopropyl benzene	mg/kg	11000	0.0071 U	-	0.0071 U	-	-
Methyl acetate	mg/kg	1000000	0.018	-	0.0073 J	-	-
Methyl cyclohexane	mg/kg	29000	0.014 U	-	0.014 U	-	-
Methyl tert butyl ether (MTBE)	mg/kg		0.029 U	-	0.028 U	-	-
Methylene chloride	mg/kg	53	0.0025 J	-	0.0028 J	-	-
Styrene	mg/kg		0.0071 U	-	0.0071 U	-	-
Tetrachloroethene	mg/kg	2.6	0.0071 U	-	0.0071 U	-	-
Toluene	mg/kg	45000	0.0071 U	-	0.0071 U	-	-

TABLE 4.2.1
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***SB-209***	***SB-209***	***SB-210***	***SB-210***	***SB-210***
Sample ID:			***S-12616-080911-DN-20***	***S-12616-080911-DN-21***	***S-12616-080911-DN-22***	***S-12616-080911-DN-23***	***S-12616-080911-DN-24***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(2-4) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***	***(4-6) ft BGS***
trans-1,2-Dichloroethene	mg/kg		0.0071 U	-	0.0071 U	-	-
trans-1,3-Dichloropropene	mg/kg		0.0071 U	-	0.0071 U	-	-
Trichloroethene	mg/kg	14	0.0071 U	-	0.00092 J	-	-
Trichlorofluoromethane (CFC-11)	mg/kg		0.0071 U	-	0.0071 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg		0.0071 U	-	0.0071 U	-	-
Vinyl chloride	mg/kg		0.0071 U	-	0.0071 U	-	-
Xylenes (total)	mg/kg	2700	0.014 U	-	0.014 U	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg		0.13 U	-	0.12 U	-	-
2,4,5-Trichlorophenol	mg/kg		0.2 U	-	0.19 U	-	-
2,4,6-Trichlorophenol	mg/kg		0.2 U	-	0.19 U	-	-
2,4-Dichlorophenol	mg/kg		0.2 U	-	0.19 U	-	-
2,4-Dimethylphenol	mg/kg		0.2 U	-	0.19 U	-	-
2,4-Dinitrophenol	mg/kg		0.44 U	-	0.41 U	-	-
2,4-Dinitrotoluene	mg/kg		0.26 U	-	0.25 U	-	-
2,6-Dinitrotoluene	mg/kg		0.26 U	-	0.25 U	-	-
2-Chloronaphthalene	mg/kg		0.066 U	-	0.062 U	-	-
2-Chlorophenol	mg/kg		0.066 U	-	0.062 U	-	-
2-Methylnaphthalene	mg/kg	4100	0.024	-	0.097	-	-
2-Methylphenol	mg/kg		0.26 U	-	0.25 U	-	-
2-Nitroaniline	mg/kg		0.26 U	-	0.25 U	-	-
2-Nitrophenol	mg/kg		0.066 U	-	0.062 U	-	-
3&4-Methylphenol	mg/kg		0.53 U	-	0.5 U	-	-
3,3'-Dichlorobenzidine	mg/kg		0.13 U	-	0.12 U	-	-
3-Nitroaniline	mg/kg		0.26 U	-	0.25 U	-	-
4,6-Dinitro-2-methylphenol	mg/kg		0.2 U	-	0.19 U	-	-
4-Bromophenyl phenyl ether	mg/kg		0.066 U	-	0.062 U	-	-
4-Chloro-3-methylphenol	mg/kg		0.2 U	-	0.19 U	-	-
4-Chloroaniline	mg/kg		0.2 U	-	0.19 U	-	-
4-Chlorophenyl phenyl ether	mg/kg		0.066 U	-	0.062 U	-	-
4-Nitroaniline	mg/kg		0.26 U	-	0.25 U	-	-
4-Nitrophenol	mg/kg		0.44 U	-	0.41 U	-	-
Acenaphthene	mg/kg	33000	0.0088 U	-	0.0083 U	-	-
Acenaphthylene	mg/kg		0.0088 U	-	0.0083 U	-	-
Acetophenone	mg/kg		0.13 U	-	0.12 U	-	-
Anthracene	mg/kg	170000	0.0088 U	-	0.0083 U	-	-
Atrazine	mg/kg		0.26 U	-	0.25 U	-	-
Benzaldehyde	mg/kg		0.13 U	-	0.12 U	-	-
Benzo(a)anthracene	mg/kg	2.1	0.016	-	0.01	-	-
Benzo(a)pyrene	mg/kg	0.21	0.016	-	0.0083 U	-	-
Benzo(b)fluoranthene	mg/kg	2.1	0.0088 U	-	0.011	-	-
Benzo(g,h,i)perylene	mg/kg	4100	0.016	-	0.0083 U	-	-
Benzo(k)fluoranthene	mg/kg	21	0.0088 U	-	0.0083 U	-	-
Biphenyl (1,1-Biphenyl)	mg/kg		0.066 U	-	0.062 U	-	-

TABLE 4.2.1
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***SB-209***	***SB-209***	***SB-210***	***SB-210***	***SB-210***
Sample ID:			***S-12616-080911-DN-20***	***S-12616-080911-DN-21***	***S-12616-080911-DN-22***	***S-12616-080911-DN-23***	***S-12616-080911-DN-24***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(2-4) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***	***(4-6) ft BGS***
bis(2-Chloroethoxy)methane	mg/kg		0.13 U	-	0.12 U	-	-
bis(2-Chloroethyl)ether	mg/kg		0.13 U	-	0.12 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	0.39	-	0.25	-	-
Butyl benzylphthalate (BBP)	mg/kg		0.066 U	-	0.062 U	-	-
Caprolactam	mg/kg		0.44 U	-	0.41 U	-	-
Carbazole	mg/kg		0.066 U	-	0.062 U	-	-
Chrysene	mg/kg	210	0.025	-	0.014	-	-
Dibenz(a,h)anthracene	mg/kg		0.0088 U	-	0.0083 U	-	-
Dibenzofuran	mg/kg	1000	0.0062 J	-	0.019 J	-	-
Diethyl phthalate	mg/kg		0.066 U	-	0.062 U	-	-
Dimethyl phthalate	mg/kg		0.066 U	-	0.062 U	-	-
Di-n-butylphthalate (DBP)	mg/kg	62000	0.066 U	-	0.026 J	-	-
Di-n-octyl phthalate (DnOP)	mg/kg		0.066 U	-	0.062 U	-	-
Fluoranthene	mg/kg	22000	0.029	-	0.017	-	-
Fluorene	mg/kg	22000	0.0088 U	-	0.0083 U	-	-
Hexachlorobenzene	mg/kg		0.0088 U	-	0.0083 U	-	-
Hexachlorobutadiene	mg/kg		0.066 U	-	0.062 U	-	-
Hexachlorocyclopentadiene	mg/kg		0.44 U	-	0.41 U	-	-
Hexachloroethane	mg/kg		0.066 U	-	0.062 U	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	0.011	-	0.0083 U	-	-
Isophorone	mg/kg		0.066 U	-	0.062 U	-	-
Naphthalene	mg/kg	18	0.011	-	0.064	-	-
Nitrobenzene	mg/kg		0.13 U	-	0.12 U	-	-
N-Nitrosodi-n-propylamine	mg/kg		0.066 U	-	0.062 U	-	-
N-Nitrosodiphenylamine	mg/kg		0.066 U	-	0.062 U	-	-
Pentachlorophenol	mg/kg		0.2 U	-	0.19 U	-	-
Phenanthrene	mg/kg	4100	0.025	-	0.032	-	-
Phenol	mg/kg		0.066 U	-	0.062 U	-	-
Pyrene	mg/kg	17000	0.026	-	0.015	-	-
Metals							
Aluminum	mg/kg	990000	12000	11000	9900	14000	15000
Antimony	mg/kg	410	18 J	1.1 UJ	36 J	1.2 UJ	1.1 UJ
Arsenic	mg/kg	1.6	**8.4**	**8.6**	**5.3 J**	**3.4**	**8.1**
Barium	mg/kg	190000	120 J	130	80	120	130
Beryllium	mg/kg	2000	0.64	1.6	0.51 J	0.60	0.62
Cadmium	mg/kg	800	0.45	0.71	0.36	0.24 U	0.23 U
Calcium	mg/kg		43000 J	2300	84000	4000	3200
Chromium	mg/kg	1500000	4500	19	9500	21	23
Chromium VI (hexavalent)	mg/kg	5.6	**8.3**	0.95 U	**13**	0.71 J	0.99 U
Cobalt	mg/kg	300	7.7	9.8 J	4.2 J	7.8 J	7.1 J
Copper	mg/kg	41000	1200 J	22	1700	17	17
Iron	mg/kg	720000	24000	22000	8200	21000	26000
Lead	mg/kg	800	29	14	33	11	9.6
Magnesium	mg/kg		4600	3200	2700	4800	4400

TABLE 4.2.1
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***SB-209***	***SB-209***	***SB-210***	***SB-210***	***SB-210***
Sample ID:			***S-12616-080911-DN-20***	***S-12616-080911-DN-21***	***S-12616-080911-DN-22***	***S-12616-080911-DN-23***	***S-12616-080911-DN-24***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(0-2) ft BGS***	***(2-4) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***	***(4-6) ft BGS***
Manganese	mg/kg	23000	1100	440	300	150	120
Mercury	mg/kg	43	0.084 J	0.060 J	0.13	0.031 J	0.028 J
Nickel	mg/kg	20000	2900	47 J	3200 J	30 J	29 J
Potassium	mg/kg		830	700	340 J	1100	1300
Selenium	mg/kg	5100	0.58 U	0.56 U	0.97	0.60 U	0.57 U
Silver	mg/kg	5100	0.13 J	0.56 U	0.18 J	0.60 U	0.30 J
Sodium	mg/kg		160 J	560 U	280 J	150 J	170 J
Thallium	mg/kg	10	1.3	1.1	6.1 U	1.2 U	0.78 J
Vanadium	mg/kg	5200	33	22	14	19	28
Zinc	mg/kg	310000	720	69	1100	73	78
General Chemistry							
Cyanide (total)	mg/kg	20000	R	0.61 U	1.4 J	R	R

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.2.2
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***BH87-13***	***BH87-13***	***BH87-13***	***BH88-13***	***BH88-13***
Sample ID:			***S-12616-071813-DN-85***	***S-12616-072313-DEN-158***	***S-12616-071813-DN-86***	***S-12616-071813-DN-87***	***S-12616-072313-DEN-159***
Sample Date:			***7/18/2013***	***7/23/2013***	***7/18/2013***	***7/18/2013***	***7/23/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(5-7.5) ft BGS***	***(0-2.5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	7.9	6.2 J	12	240 UJ	8.5
Copper	mg/kg	41000	160	4800 J	23	5000 J	1000
Manganese	mg/kg	23000	640	390 J	1100	1400 J	640
Nickel	mg/kg	20000	82	9800 J	37	11000 J	2300
Zinc	mg/kg	310000	210	2900 J	63	2700 J	730

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.2.2
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***BH89-13***	***BH89-13***	***BH90-13***	***BH90-13***	***BH90-13***
Sample ID:			***S-12616-071813-DN-88***	***S-12616-072313-DEN-160***	***S-12616-071813-DN-89***	***S-12616-072313-DEN-161***	***S-12616-071813-DN-90***
Sample Date:			***7/18/2013***	***7/23/2013***	***7/18/2013***	***7/23/2013***	***7/18/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	280 UJ	5.3 J	8.6	44	180 U
Copper	mg/kg	41000	5400 J	5100 J	480	39	1200
Manganese	mg/kg	23000	540 J	710 J	480	740	260
Nickel	mg/kg	20000	14000 J	11000 J	1700	77	2200
Zinc	mg/kg	310000	2500 J	2200 J	250	73	660

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.2.2
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***BH92-13***	***BH92-13***	***BH93-13***	***BH93-13***	***BH94-13***
Sample ID:			***S-12616-071913-DN-91***	***S-12616-072313-DEN-162***	***S-12616-071913-DN-92***	***S-12616-072313-DEN-163***	***S-12616-072313-DEN-164***
Sample Date:			***7/19/2013***	***7/23/2013***	***7/19/2013***	***7/23/2013***	***7/23/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	4.9 J	5.1 J	8.2	4.9 J	11
Copper	mg/kg	41000	58	760	630	4100	20
Manganese	mg/kg	23000	70	840	200	220	180
Nickel	mg/kg	20000	270	1700	960	8700	27
Zinc	mg/kg	310000	84	740	230	1700	71

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.2.2
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***BH95-13***	***BH95-13***	***BH96-13***	***BH96-13***	***BH97-13***
Sample ID:			***S-12616-071913-DN-93***	***S-12616-072313-DEN-165***	***S-12616-072313-DEN-166***	***S-12616-071913-DN-94***	***S-12616-071913-DN-95***
Sample Date:			***7/19/2013***	***7/23/2013***	***7/23/2013***	***7/19/2013***	***7/19/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2.5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	13	8.8	7.8	7.0 J	11 J
Copper	mg/kg	41000	21	24	28	1300	1100
Manganese	mg/kg	23000	700	310	1100	250	860
Nickel	mg/kg	20000	32	40	32	3200	1900
Zinc	mg/kg	310000	57	69	99	450	330

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.2.2
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***	***AOI 2 - N. Sludge Area***
Sample Location:			***BH97-13***	***BH98-13***	***BH100-13***	***BH100-13***	***BH101-13***
Sample ID:			***S-12616-072313-DEN-167***	***S-12616-071913-DN-96***	***S-12616-071913-DN-97***	***S-12616-072313-DEN-168***	***S-12616-072313-DEN-169***
Sample Date:			***7/23/2013***	***7/19/2013***	***7/19/2013***	***7/23/2013***	***7/23/2013***
Sample Depth:			***(0-2) ft BGS***	***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	5.2 J	7.1 J	13 J	3.9 J	4.1 J
Copper	mg/kg	41000	5200	1500	17000 J	7400 J	3100 J
Manganese	mg/kg	23000	710	19000	120 J	150 J	100 J
Nickel	mg/kg	20000	9000	3400	**28000 J**	10000 J	7000 J
Zinc	mg/kg	310000	1600	660	5300 J	6600 J	2700 J

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.2.2
SOIL SAMPLING SUMMARY
AOI 2 - NORTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 2 - N. Sludge Area***
Sample Location:			***BH101-13***
Sample ID:			***S-12616-071913-DN-98***
Sample Date:			***7/19/2013***
Sample Depth:			***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011	
Metals			
Cobalt	mg/kg	300	5.6 J
Copper	mg/kg	41000	3700 J
Manganese	mg/kg	23000	73 J
Nickel	mg/kg	20000	9600 J
Zinc	mg/kg	310000	3000 J

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.1
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***SB-212***	***SB-212***	***SB-213***	***SB-213***
Sample ID:			***S-12616-080911-DN-28***	***S-12616-080911-DN-27***	***S-12616-080911-DN-29***	***S-12616-080911-DN-30***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(6-8) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Parameters:	***Units***	RSL June 2011				
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg		-	0.016 U	-	-
1,1,2,2-Tetrachloroethane	mg/kg		-	0.016 U	-	-
1,1,2-Trichloroethane	mg/kg		-	0.016 U	-	-
1,1-Dichloroethane	mg/kg		-	0.016 U	-	-
1,1-Dichloroethene	mg/kg		-	0.016 U	-	-
1,2,4-Trichlorobenzene	mg/kg	99	-	0.016 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		-	0.032 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		-	0.016 U	-	-
1,2-Dichlorobenzene	mg/kg		-	0.016 U	-	-
1,2-Dichloroethane	mg/kg		-	0.016 U	-	-
1,2-Dichloropropane	mg/kg		-	0.016 U	-	-
1,3-Dichlorobenzene	mg/kg		-	0.016 U	-	-
1,4-Dichlorobenzene	mg/kg		-	0.016 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	-	0.027 J	-	-
2-Hexanone	mg/kg		-	0.065 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	-	0.065 U	-	-
Acetone	mg/kg	630000	-	0.083 U	-	-
Benzene	mg/kg		-	0.016 U	-	-
Bromodichloromethane	mg/kg		-	0.016 U	-	-
Bromoform	mg/kg		-	0.016 U	-	-
Bromomethane (Methyl bromide)	mg/kg		-	0.016 U	-	-
Carbon disulfide	mg/kg	3700	-	0.011 J	-	-
Carbon tetrachloride	mg/kg		-	0.016 U	-	-
Chlorobenzene	mg/kg		-	0.016 U	-	-
Chloroethane	mg/kg		-	0.016 U	-	-
Chloroform (Trichloromethane)	mg/kg		-	0.016 U	-	-
Chloromethane (Methyl chloride)	mg/kg		-	0.016 U	-	-
cis-1,2-Dichloroethene	mg/kg		-	0.016 U	-	-
cis-1,3-Dichloropropene	mg/kg		-	0.016 U	-	-
Cyclohexane	mg/kg		-	0.032 U	-	-
Dibromochloromethane	mg/kg		-	0.016 U	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg		-	0.016 U	-	-
Ethylbenzene	mg/kg	27	-	0.0024 J	-	-
Isopropyl benzene	mg/kg	11000	-	0.016 U	-	-
Methyl acetate	mg/kg	1000000	-	0.032 U	-	-
Methyl cyclohexane	mg/kg	29000	-	0.0034 J	-	-
Methyl tert butyl ether (MTBE)	mg/kg		-	0.065 U	-	-
Methylene chloride	mg/kg	53	-	0.019	-	-
Styrene	mg/kg		-	0.016 U	-	-

TABLE 4.3.1
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***SB-212***	***SB-212***	***SB-213***	***SB-213***
Sample ID:			***S-12616-080911-DN-28***	***S-12616-080911-DN-27***	***S-12616-080911-DN-29***	***S-12616-080911-DN-30***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(6-8) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Tetrachloroethene	mg/kg	2.6	-	0.0017 J	-	-
Toluene	mg/kg	45000	-	0.0031 J	-	-
trans-1,2-Dichloroethene	mg/kg		-	0.016 U	-	-
trans-1,3-Dichloropropene	mg/kg		-	0.016 U	-	-
Trichloroethene	mg/kg	14	-	0.0048 J	-	-
Trichlorofluoromethane (CFC-11)	mg/kg		-	0.016 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg		-	0.016 U	-	-
Vinyl chloride	mg/kg		-	0.016 U	-	-
Xylenes (total)	mg/kg	2700	-	0.0022 J	-	-
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg		-	2.2 U	-	-
2,4,5-Trichlorophenol	mg/kg		-	3.3 U	-	-
2,4,6-Trichlorophenol	mg/kg		-	3.3 U	-	-
2,4-Dichlorophenol	mg/kg		-	3.3 U	-	-
2,4-Dimethylphenol	mg/kg		-	3.3 U	-	-
2,4-Dinitrophenol	mg/kg		-	7.3 U	-	-
2,4-Dinitrotoluene	mg/kg		-	4.4 U	-	-
2,6-Dinitrotoluene	mg/kg		-	4.4 U	-	-
2-Chloronaphthalene	mg/kg		-	1.1 U	-	-
2-Chlorophenol	mg/kg		-	1.1 U	-	-
2-Methylnaphthalene	mg/kg	4100	-	0.15 U	-	-
2-Methylphenol	mg/kg		-	4.4 U	-	-
2-Nitroaniline	mg/kg		-	4.4 U	-	-
2-Nitrophenol	mg/kg		-	1.1 U	-	-
3&4-Methylphenol	mg/kg		-	8.8 U	-	-
3,3'-Dichlorobenzidine	mg/kg		-	2.2 U	-	-
3-Nitroaniline	mg/kg		-	4.4 U	-	-
4,6-Dinitro-2-methylphenol	mg/kg		-	3.3 U	-	-
4-Bromophenyl phenyl ether	mg/kg		-	1.1 U	-	-
4-Chloro-3-methylphenol	mg/kg		-	3.3 U	-	-
4-Chloroaniline	mg/kg		-	3.3 U	-	-
4-Chlorophenyl phenyl ether	mg/kg		-	1.1 U	-	-
4-Nitroaniline	mg/kg		-	4.4 U	-	-
4-Nitrophenol	mg/kg		-	7.3 U	-	-
Acenaphthene	mg/kg	33000	-	0.15 U	-	-
Acenaphthylene	mg/kg		-	0.15 U	-	-
Acetophenone	mg/kg		-	2.2 U	-	-
Anthracene	mg/kg	170000	-	0.15 U	-	-
Atrazine	mg/kg		-	4.4 U	-	-
Benzaldehyde	mg/kg		-	2.2 U	-	-
Benzo(a)anthracene	mg/kg	2.1	-	0.15 U	-	-
Benzo(a)pyrene	mg/kg	0.21	-	0.15 U	-	-

TABLE 4.3.1
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***SB-212***	***SB-212***	***SB-213***	***SB-213***
Sample ID:			***S-12616-080911-DN-28***	***S-12616-080911-DN-27***	***S-12616-080911-DN-29***	***S-12616-080911-DN-30***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(6-8) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Benzo(b)fluoranthene	mg/kg	2.1	-	0.15 U	-	-
Benzo(g,h,i)perylene	mg/kg	4100	-	0.15 U	-	-
Benzo(k)fluoranthene	mg/kg	21	-	0.15 U	-	-
Biphenyl (1,1-Biphenyl)	mg/kg		-	1.1 U	-	-
bis(2-Chloroethoxy)methane	mg/kg		-	2.2 U	-	-
bis(2-Chloroethyl)ether	mg/kg		-	2.2 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	-	6.3	-	-
Butyl benzylphthalate (BBP)	mg/kg		-	1.1 U	-	-
Caprolactam	mg/kg		-	7.3 U	-	-
Carbazole	mg/kg		-	1.1 U	-	-
Chrysene	mg/kg	210	-	0.15 U	-	-
Dibenz(a,h)anthracene	mg/kg		-	0.15 U	-	-
Dibenzofuran	mg/kg	1000	-	1.1 U	-	-
Diethyl phthalate	mg/kg		-	1.1 U	-	-
Dimethyl phthalate	mg/kg		-	1.1 U	-	-
Di-n-butylphthalate (DBP)	mg/kg	62000	-	1.1 U	-	-
Di-n-octyl phthalate (DnOP)	mg/kg		-	1.1 U	-	-
Fluoranthene	mg/kg	22000	-	0.15 U	-	-
Fluorene	mg/kg	22000	-	0.15 U	-	-
Hexachlorobenzene	mg/kg		-	0.15 U	-	-
Hexachlorobutadiene	mg/kg		-	1.1 U	-	-
Hexachlorocyclopentadiene	mg/kg		-	7.3 U	-	-
Hexachloroethane	mg/kg		-	1.1 U	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	-	0.15 U	-	-
Isophorone	mg/kg		-	1.1 U	-	-
Naphthalene	mg/kg	18	-	0.15 U	-	-
Nitrobenzene	mg/kg		-	2.2 U	-	-
N-Nitrosodi-n-propylamine	mg/kg		-	1.1 U	-	-
N-Nitrosodiphenylamine	mg/kg		-	1.1 U	-	-
Pentachlorophenol	mg/kg		-	3.3 U	-	-
Phenanthrene	mg/kg	4100	-	0.15 U	-	-
Phenol	mg/kg		-	1.1 U	-	-
Pyrene	mg/kg	17000	-	0.15 U	-	-
Metals						
Aluminum	mg/kg	990000	13000	4900	11000	10000
Antimony	mg/kg	410	16 J	26	0.99 UJ	0.58 J
Arsenic	mg/kg	1.6	**12**	**15**	**9.6**	**11**
Barium	mg/kg	190000	110	270	70	62
Beryllium	mg/kg	2000	0.70 J	2.0 J	0.37 J	0.38 J
Cadmium	mg/kg	800	0.31 U	2.1 U	0.20 U	0.22 U
Calcium	mg/kg		49000	89000	46000	44000
Chromium	mg/kg	1500000	3900	37000	20	22

TABLE 4.3.1
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***SB-212***	***SB-212***	***SB-213***	***SB-213***
Sample ID:			***S-12616-080911-DN-28***	***S-12616-080911-DN-27***	***S-12616-080911-DN-29***	***S-12616-080911-DN-30***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(6-8) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Chromium VI (hexavalent)	mg/kg	5.6	**15**	**18**	0.86 J	0.93 U
Cobalt	mg/kg	300	22 J	49 J	12 J	19 J
Copper	mg/kg	41000	1300	10000	24	25
Iron	mg/kg	720000	29000	9300	25000	26000
Lead	mg/kg	800	59	660	9.8	12
Magnesium	mg/kg		8000	5000 J	8500	8800
Manganese	mg/kg	23000	390	150	350	770
Mercury	mg/kg	43	0.26	0.79	0.11 U	0.11 U
Nickel	mg/kg	20000	2400 J	18000	32 J	48 J
Potassium	mg/kg		1700	320 J	1600	1900
Selenium	mg/kg	5100	0.78 U	5.4 U	0.50 U	0.56 U
Silver	mg/kg	5100	0.78 U	1.3 J	0.50 U	0.56 U
Sodium	mg/kg		210 J	5400 U	89 J	74 J
Thallium	mg/kg	10	1.6 U	11 U	0.63 J	1.7
Vanadium	mg/kg	5200	29	30 J	20	20
Zinc	mg/kg	310000	860	5800	67	68
General Chemistry						
Cyanide (total)	mg/kg	20000	1.6 J	18 J	R	R

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***BH01-13***	***BH02-13***	***BH02-13***	***BH03-13***
Sample ID:			***S-12616-070913-DN-01***	***S-12616-072413-DEN-170***	***S-12616-070913-DN-02***	***S-12616-072413-DEN-171***
Sample Date:			***7/9/2013***	***7/24/2013***	***7/9/2013***	***7/24/2013***
Sample Depth:			***(5-7.5) ft BGS***	***(0-2) ft BGS***	***(1-2.5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	17	9.2	16	9.5
Copper	mg/kg	41000	190	150	420	12
Manganese	mg/kg	23000	580	280	400	310
Nickel	mg/kg	20000	340	270	690	20
Zinc	mg/kg	310000	210	200	350	78

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***BH04-13***	***BH07-13***	***BH07-13***	***BH07-13***
Sample ID:			***S-12616-072413-DEN-172***	***S-12616-072413-DEN-173***	***S-12616-070913-DN-03***	***S-12616-070913-DN-04***
Sample Date:			***7/24/2013***	***7/24/2013***	***7/9/2013***	***7/9/2013***
Sample Depth:			***(0-2) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	9.2	13	20 J	16
Copper	mg/kg	41000	120	59	2200	390
Manganese	mg/kg	23000	220	400	460	270
Nickel	mg/kg	20000	270	140	4100	940
Zinc	mg/kg	310000	170	110	1500	390

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***BH08-13***	***BH08-13***	***BH08-13***	***BH09-13***
Sample ID:			***S-12616-072413-DEN-174***	***S-12616-070913-DN-05***	***S-12616-070913-DN-06***	***S-12616-070913-DN-07***
Sample Date:			***7/24/2013***	***7/9/2013***	***7/9/2013***	***7/9/2013***
Sample Depth:			***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(7.5-10) ft BGS***	***(3.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	12	43 J	860 U	42 J
Copper	mg/kg	41000	45	13000 J	6000	13000 J
Manganese	mg/kg	23000	340	180 J	450	300 J
Nickel	mg/kg	20000	130	**26000 J**	12000	**23000 J**
Zinc	mg/kg	310000	130	9400 J	4500	8800 J

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***BH10-13***	***BH10-13***	***BH12-13***	***BH13-13***
Sample ID:			***S-12616-072413-DEN-175***	***S-12616-070913-DN-08***	***S-12616-072413-DEN-176***	***S-12616-072413-DEN-177***
Sample Date:			***7/24/2013***	***7/9/2013***	***7/24/2013***	***7/24/2013***
Sample Depth:			***(0-2) ft BGS***	***(6-8) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	16	1800 UJ	14	10
Copper	mg/kg	41000	110	19000 J	60	65
Manganese	mg/kg	23000	480	510 J	530	230
Nickel	mg/kg	20000	220	**34000 J**	150	110
Zinc	mg/kg	310000	130	9600 J	120	120

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***BH13-13***	***BH14-13***	***BH14-13***	***BH17-13***
Sample ID:			***S-12616-071013-DN-09***	***S-12616-071013-DN-10***	***S-12616-072413-DEN-178***	***S-12616-072413-DEN-179***
Sample Date:			***7/10/2013***	***7/10/2013***	***7/24/2013***	***7/24/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	9.6	13	9.0	13
Copper	mg/kg	41000	280	48	54	220
Manganese	mg/kg	23000	150	380	240	330
Nickel	mg/kg	20000	600	75	97	410
Zinc	mg/kg	310000	400	85	94	210

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***	***AOI 3 - S. Sludge Area***
Sample Location:			***BH17-13***	***BH18-13***	***BH18-13***	***BH19-13***
Sample ID:			***S-12616-071013-DN-11***	***S-12616-072413-DEN-180***	***S-12616-071013-DN-12***	***S-12616-072413-DEN-181***
Sample Date:			***7/10/2013***	***7/24/2013***	***7/10/2013***	***7/24/2013***
Sample Depth:			***(5-7.5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	19 J	13	19 J	13
Copper	mg/kg	41000	2800	410	2500	150
Manganese	mg/kg	23000	460	310	500	340
Nickel	mg/kg	20000	4800	900	4600	310
Zinc	mg/kg	310000	1900	410	1900	180

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.3.2
SOIL SAMPLING SUMMARY
AOI 3 - SOUTHERN SLUDGE AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 3 - S. Sludge Area***
Sample Location:			***BH19-13***
Sample ID:			***S-12616-071013-DN-13***
Sample Date:			***7/10/2013***
Sample Depth:			***(5-6) ft BGS***
Parameters:	***Units***	RSL June 2011	
Metals			
Cobalt	mg/kg	300	48 J
Copper	mg/kg	41000	14000 J
Manganese	mg/kg	23000	340 J
Nickel	mg/kg	20000	**23000 J**
Zinc	mg/kg	310000	10000 J

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.4.1
SOIL SAMPLING SUMMARY
AOI 4 - NORTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 4 - North Trench***	***AOI 4 - North Trench***	***AOI 4 - North Trench***	***AOI 4 - North Trench***
Sample Location:			***SB-206***	***SB-206***	***SB-207***	***SB-207***
Sample ID:			***S-12616-080911-DN-14***	***S-12616-080911-DN-15***	***S-12616-080911-DN-16***	***S-12616-080911-DN-17***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(8-10) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***
Parameters:	***Units***	RSL June 2011				
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg		-	-	0.0054 U	-
1,1,2,2-Tetrachloroethane	mg/kg		-	-	0.0054 U	-
1,1,2-Trichloroethane	mg/kg		-	-	0.0054 U	-
1,1-Dichloroethane	mg/kg		-	-	0.0054 U	-
1,1-Dichloroethene	mg/kg		-	-	0.0054 U	-
1,2,4-Trichlorobenzene	mg/kg	99	-	-	0.0054 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		-	-	0.011 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		-	-	0.0054 U	-
1,2-Dichlorobenzene	mg/kg		-	-	0.0054 U	-
1,2-Dichloroethane	mg/kg		-	-	0.0054 U	-
1,2-Dichloropropane	mg/kg		-	-	0.0054 U	-
1,3-Dichlorobenzene	mg/kg		-	-	0.0054 U	-
1,4-Dichlorobenzene	mg/kg		-	-	0.0054 U	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	-	-	0.022 U	-
2-Hexanone	mg/kg		-	-	0.022 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	-	-	0.022 U	-
Acetone	mg/kg	630000	-	-	0.022 U	-
Benzene	mg/kg		-	-	0.0054 U	-
Bromodichloromethane	mg/kg		-	-	0.0054 U	-
Bromoform	mg/kg		-	-	0.0054 U	-
Bromomethane (Methyl bromide)	mg/kg		-	-	0.0054 U	-
Carbon disulfide	mg/kg	3700	-	-	0.001 J	-
Carbon tetrachloride	mg/kg		-	-	0.0054 U	-
Chlorobenzene	mg/kg		-	-	0.0054 U	-
Chloroethane	mg/kg		-	-	0.0054 UJ	-
Chloroform (Trichloromethane)	mg/kg		-	-	0.0054 U	-
Chloromethane (Methyl chloride)	mg/kg		-	-	0.0054 U	-
cis-1,2-Dichloroethene	mg/kg		-	-	0.0054 U	-
cis-1,3-Dichloropropene	mg/kg		-	-	0.0054 U	-
Cyclohexane	mg/kg		-	-	0.011 U	-
Dibromochloromethane	mg/kg		-	-	0.0054 U	-
Dichlorodifluoromethane (CFC-12)	mg/kg		-	-	0.0054 U	-
Ethylbenzene	mg/kg	27	-	-	0.0054 U	-
Isopropyl benzene	mg/kg	11000	-	-	0.0054 U	-
Methyl acetate	mg/kg	1000000	-	-	0.012	-
Methyl cyclohexane	mg/kg	29000	-	-	0.011 U	-
Methyl tert butyl ether (MTBE)	mg/kg		-	-	0.022 U	-
Methylene chloride	mg/kg	53	-	-	0.00077 J	-
Styrene	mg/kg		-	-	0.0054 U	-
Tetrachloroethene	mg/kg	2.6	-	-	0.0054 U	-
Toluene	mg/kg	45000	-	-	0.0054 U	-
trans-1,2-Dichloroethene	mg/kg		-	-	0.0054 U	-
trans-1,3-Dichloropropene	mg/kg		-	-	0.0054 U	-
Trichloroethene	mg/kg	14	-	-	0.0054 U	-
Trichlorofluoromethane (CFC-11)	mg/kg		-	-	0.0054 U	-
Trifluorotrichloroethane (Freon 113)	mg/kg		-	-	0.0054 U	-
Vinyl chloride	mg/kg		-	-	0.0054 U	-
Xylenes (total)	mg/kg	2700	-	-	0.011 U	-
Semi-volatile Organic Compounds						

TABLE 4.4.1
SOIL SAMPLING SUMMARY
AOI 4 - NORTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 4 - North Trench***	***AOI 4 - North Trench***	***AOI 4 - North Trench***	***AOI 4 - North Trench***
Sample Location:			***SB-206***	***SB-206***	***SB-207***	***SB-207***
Sample ID:			***S-12616-080911-DN-14***	***S-12616-080911-DN-15***	***S-12616-080911-DN-16***	***S-12616-080911-DN-17***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(8-10) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***
Parameters:	***Units***	RSL June 2011				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether	mg/kg		-	-	0.25 U	-
2,4,5-Trichlorophenol	mg/kg		-	-	0.37 U	-
2,4,6-Trichlorophenol	mg/kg		-	-	0.37 U	-
2,4-Dichlorophenol	mg/kg		-	-	0.37 U	-
2,4-Dimethylphenol	mg/kg		-	-	0.37 U	-
2,4-Dinitrophenol	mg/kg		-	-	0.82 U	-
2,4-Dinitrotoluene	mg/kg		-	-	0.5 U	-
2,6-Dinitrotoluene	mg/kg		-	-	0.5 U	-
2-Chloronaphthalene	mg/kg		-	-	0.12 U	-
2-Chlorophenol	mg/kg		-	-	0.12 U	-
2-Methylnaphthalene	mg/kg	4100	-	-	0.11	-
2-Methylphenol	mg/kg		-	-	0.5 U	-
2-Nitroaniline	mg/kg		-	-	0.5 U	-
2-Nitrophenol	mg/kg		-	-	0.12 U	-
3&4-Methylphenol	mg/kg		-	-	0.99 U	-
3,3'-Dichlorobenzidine	mg/kg		-	-	0.25 U	-
3-Nitroaniline	mg/kg		-	-	0.5 U	-
4,6-Dinitro-2-methylphenol	mg/kg		-	-	0.37 U	-
4-Bromophenyl phenyl ether	mg/kg		-	-	0.12 U	-
4-Chloro-3-methylphenol	mg/kg		-	-	0.37 U	-
4-Chloroaniline	mg/kg		-	-	0.37 U	-
4-Chlorophenyl phenyl ether	mg/kg		-	-	0.12 U	-
4-Nitroaniline	mg/kg		-	-	0.5 U	-
4-Nitrophenol	mg/kg		-	-	0.82 U	-
Acenaphthene	mg/kg	33000	-	-	0.29	-
Acenaphthylene	mg/kg		-	-	0.017 U	-
Acetophenone	mg/kg		-	-	0.25 U	-
Anthracene	mg/kg	170000	-	-	0.56	-
Atrazine	mg/kg		-	-	0.5 U	-
Benzaldehyde	mg/kg		-	-	0.25 U	-
Benzo(a)anthracene	mg/kg	2.1	-	-	0.69	-
Benzo(a)pyrene	mg/kg	0.21	-	-	**0.6**	-
Benzo(b)fluoranthene	mg/kg	2.1	-	-	0.81	-
Benzo(g,h,i)perylene	mg/kg	4100	-	-	0.39	-
Benzo(k)fluoranthene	mg/kg	21	-	-	0.43	-
Biphenyl (1,1-Biphenyl)	mg/kg		-	-	0.12 U	-
bis(2-Chloroethoxy)methane	mg/kg		-	-	0.25 U	-
bis(2-Chloroethyl)ether	mg/kg		-	-	0.25 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	-	-	0.12 U	-
Butyl benzylphthalate (BBP)	mg/kg		-	-	0.12 U	-
Caprolactam	mg/kg		-	-	0.82 U	-
Carbazole	mg/kg		-	-	0.26	-
Chrysene	mg/kg	210	-	-	0.63	-
Dibenz(a,h)anthracene	mg/kg		-	-	0.017 U	-
Dibenzofuran	mg/kg	1000	-	-	0.26	-
Diethyl phthalate	mg/kg		-	-	0.12 U	-
Dimethyl phthalate	mg/kg		-	-	0.12 U	-
Di-n-butylphthalate (DBP)	mg/kg	62000	-	-	0.12 U	-
Di-n-octyl phthalate (DnOP)	mg/kg		-	-	0.12 U	-
Fluoranthene	mg/kg	22000	-	-	2	-
Fluorene	mg/kg	22000	-	-	0.35	-
Hexachlorobenzene	mg/kg		-	-	0.017 U	-

TABLE 4.4.1
SOIL SAMPLING SUMMARY
AOI 4 - NORTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 4 - North Trench***	***AOI 4 - North Trench***	***AOI 4 - North Trench***	***AOI 4 - North Trench***
Sample Location:			***SB-206***	***SB-206***	***SB-207***	***SB-207***
Sample ID:			***S-12616-080911-DN-14***	***S-12616-080911-DN-15***	***S-12616-080911-DN-16***	***S-12616-080911-DN-17***
Sample Date:			***8/9/2011***	***8/9/2011***	***8/9/2011***	***8/9/2011***
Sample Depth:			***(4-6) ft BGS***	***(8-10) ft BGS***	***(0-2) ft BGS***	***(4-6) ft BGS***
Parameters:	***Units***	RSL June 2011				
Hexachlorobutadiene	mg/kg		-	-	0.12 U	-
Hexachlorocyclopentadiene	mg/kg		-	-	0.82 U	-
Hexachloroethane	mg/kg		-	-	0.12 U	-
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	-	-	0.31	-
Isophorone	mg/kg		-	-	0.12 U	-
Naphthalene	mg/kg	18	-	-	0.072	-
Nitrobenzene	mg/kg		-	-	0.25 U	-
N-Nitrosodi-n-propylamine	mg/kg		-	-	0.12 U	-
N-Nitrosodiphenylamine	mg/kg		-	-	0.12 U	-
Pentachlorophenol	mg/kg		-	-	0.37 U	-
Phenanthrene	mg/kg	4100	-	-	2.3	-
Phenol	mg/kg		-	-	0.12 U	-
Pyrene	mg/kg	17000	-	-	1.5	-
Metals						
Aluminum	mg/kg	990000	7300	9200	10000	11000
Antimony	mg/kg	410	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ
Arsenic	mg/kg	1.6	**13**	**26**	**7.7**	**7.8**
Barium	mg/kg	190000	52 J	36 J	110 J	96 J
Beryllium	mg/kg	2000	0.34 J	0.35 J	0.71	0.37 J
Cadmium	mg/kg	800	0.24 U	0.24 U	0.62	0.24 U
Calcium	mg/kg		1200 J	2500 J	18000 J	2500 J
Chromium	mg/kg	1500000	10	16	33	18
Chromium VI (hexavalent)	mg/kg	5.6	2.2	0.97 U	0.71 J	0.34 J
Cobalt	mg/kg	300	7.8	9.7	7.1	9.1
Copper	mg/kg	41000	7.9 J	26 J	120 J	26 J
Iron	mg/kg	720000	23000	30000	17000	28000
Lead	mg/kg	800	11	11	20	8.9
Magnesium	mg/kg		1300	3700	4500	3500
Manganese	mg/kg	23000	400	300	390	410
Mercury	mg/kg	43	0.12 U	0.12 U	0.099 J	0.10 U
Nickel	mg/kg	20000	7.8	29	36	35
Potassium	mg/kg		490 J	1500	880	1100
Selenium	mg/kg	5100	0.61 U	0.59 U	0.61 U	0.60 U
Silver	mg/kg	5100	0.61 U	0.59 U	0.14 J	0.60 U
Sodium	mg/kg		610 U	590 U	160 J	600 U
Thallium	mg/kg	10	1.2 U	1.2 U	1.2	1.0 J
Vanadium	mg/kg	5200	19	18	20	21
Zinc	mg/kg	310000	34	84	730	72
General Chemistry						
Cyanide (total)	mg/kg	20000	0.59 U	0.59 U	R	0.58 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.5.1
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***SB-202***	***SB-202***	***SB-202***	***SB-203***	***SB-203***
Sample ID:			***S-12616-080811-DN-06***	***S-12616-080811-DN-11***	***S-12616-080811-DN-05***	***S-12616-080811-DN-07***	***S-12616-080811-DN-08***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(2-4) ft BGS***	***(2-4) ft BGS (Duplicate)***	***(4-6) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Parameters:	***Units***	RSL June 2011					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/kg		-	-	0.27 UJ	-	-
1,1,2,2-Tetrachloroethane	mg/kg		-	-	0.27 UJ	-	-
1,1,2-Trichloroethane	mg/kg		-	-	0.27 UJ	-	-
1,1-Dichloroethane	mg/kg		-	-	0.27 UJ	-	-
1,1-Dichloroethene	mg/kg		-	-	0.27 UJ	-	-
1,2,4-Trichlorobenzene	mg/kg	99	-	-	0.016 J	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		-	-	0.54 UJ	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		-	-	0.27 UJ	-	-
1,2-Dichlorobenzene	mg/kg		-	-	0.27 UJ	-	-
1,2-Dichloroethane	mg/kg		-	-	0.27 UJ	-	-
1,2-Dichloropropane	mg/kg		-	-	0.27 UJ	-	-
1,3-Dichlorobenzene	mg/kg		-	-	0.27 UJ	-	-
1,4-Dichlorobenzene	mg/kg		-	-	0.27 UJ	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	-	-	1.1 UJ	-	-
2-Hexanone	mg/kg		-	-	1.1 UJ	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	-	-	1.1 UJ	-	-
Acetone	mg/kg	630000	-	-	1.1 UJ	-	-
Benzene	mg/kg		-	-	0.27 UJ	-	-
Bromodichloromethane	mg/kg		-	-	0.27 UJ	-	-
Bromoform	mg/kg		-	-	0.27 UJ	-	-
Bromomethane (Methyl bromide)	mg/kg		-	-	0.27 UJ	-	-
Carbon disulfide	mg/kg	3700	-	-	0.05 J	-	-
Carbon tetrachloride	mg/kg		-	-	0.27 UJ	-	-
Chlorobenzene	mg/kg		-	-	0.27 UJ	-	-
Chloroethane	mg/kg		-	-	0.27 UJ	-	-
Chloroform (Trichloromethane)	mg/kg		-	-	0.27 UJ	-	-
Chloromethane (Methyl chloride)	mg/kg		-	-	0.27 UJ	-	-
cis-1,2-Dichloroethene	mg/kg		-	-	0.27 UJ	-	-
cis-1,3-Dichloropropene	mg/kg		-	-	0.27 UJ	-	-
Cyclohexane	mg/kg		-	-	0.54 UJ	-	-
Dibromochloromethane	mg/kg		-	-	0.27 UJ	-	-
Dichlorodifluoromethane (CFC-12)	mg/kg		-	-	0.27 UJ	-	-
Ethylbenzene	mg/kg	27	-	-	0.26 J	-	-
Isopropyl benzene	mg/kg	11000	-	-	0.053 J	-	-
Methyl acetate	mg/kg	1000000	-	-	0.072 J	-	-
Methyl cyclohexane	mg/kg	29000	-	-	0.23 J	-	-
Methyl tert butyl ether (MTBE)	mg/kg		-	-	1.1 UJ	-	-
Methylene chloride	mg/kg	53	-	-	0.27 UJ	-	-
Styrene	mg/kg		-	-	0.27 UJ	-	-
Tetrachloroethene	mg/kg	2.6	-	-	0.27 UJ	-	-
Toluene	mg/kg	45000	-	-	0.12 J	-	-
trans-1,2-Dichloroethene	mg/kg		-	-	0.27 UJ	-	-
trans-1,3-Dichloropropene	mg/kg		-	-	0.27 UJ	-	-
Trichloroethene	mg/kg	14	-	-	0.025 J	-	-
Trichlorofluoromethane (CFC-11)	mg/kg		-	-	0.27 UJ	-	-
Trifluorotrichloroethane (Freon 113)	mg/kg		-	-	0.27 UJ	-	-

TABLE 4.5.1
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***SB-202***	***SB-202***	***SB-202***	***SB-203***	***SB-203***
Sample ID:			***S-12616-080811-DN-06***	***S-12616-080811-DN-11***	***S-12616-080811-DN-05***	***S-12616-080811-DN-07***	***S-12616-080811-DN-08***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(2-4) ft BGS***	***(2-4) ft BGS (Duplicate)***	***(4-6) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Parameters:	***Units***	RSL June 2011					
Vinyl chloride	mg/kg		-	-	0.27 UJ	-	-
Xylenes (total)	mg/kg	2700	-	-	2 J	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether	mg/kg		-	-	1.2 U	-	-
2,4,5-Trichlorophenol	mg/kg		-	-	1.9 U	-	-
2,4,6-Trichlorophenol	mg/kg		-	-	1.9 U	-	-
2,4-Dichlorophenol	mg/kg		-	-	1.9 U	-	-
2,4-Dimethylphenol	mg/kg		-	-	1.9 U	-	-
2,4-Dinitrophenol	mg/kg		-	-	4.1 U	-	-
2,4-Dinitrotoluene	mg/kg		-	-	2.5 U	-	-
2,6-Dinitrotoluene	mg/kg		-	-	2.5 U	-	-
2-Chloronaphthalene	mg/kg		-	-	0.62 U	-	-
2-Chlorophenol	mg/kg		-	-	0.62 U	-	-
2-Methylnaphthalene	mg/kg	4100	-	-	0.083 U	-	-
2-Methylphenol	mg/kg		-	-	2.5 U	-	-
2-Nitroaniline	mg/kg		-	-	2.5 U	-	-
2-Nitrophenol	mg/kg		-	-	0.62 U	-	-
3&4-Methylphenol	mg/kg		-	-	5 U	-	-
3,3'-Dichlorobenzidine	mg/kg		-	-	1.2 U	-	-
3-Nitroaniline	mg/kg		-	-	2.5 U	-	-
4,6-Dinitro-2-methylphenol	mg/kg		-	-	1.9 U	-	-
4-Bromophenyl phenyl ether	mg/kg		-	-	0.62 U	-	-
4-Chloro-3-methylphenol	mg/kg		-	-	1.9 U	-	-
4-Chloroaniline	mg/kg		-	-	1.9 U	-	-
4-Chlorophenyl phenyl ether	mg/kg		-	-	0.62 U	-	-
4-Nitroaniline	mg/kg		-	-	2.5 U	-	-
4-Nitrophenol	mg/kg		-	-	4.1 U	-	-
Acenaphthene	mg/kg	33000	-	-	0.083 U	-	-
Acenaphthylene	mg/kg		-	-	0.083 U	-	-
Acetophenone	mg/kg		-	-	1.2 U	-	-
Anthracene	mg/kg	170000	-	-	0.083 U	-	-
Atrazine	mg/kg		-	-	2.5 U	-	-
Benzaldehyde	mg/kg		-	-	1.2 U	-	-
Benzo(a)anthracene	mg/kg	2.1	-	-	0.083 U	-	-
Benzo(a)pyrene	mg/kg	0.21	-	-	0.083 U	-	-
Benzo(b)fluoranthene	mg/kg	2.1	-	-	0.083 U	-	-
Benzo(g,h,i)perylene	mg/kg	4100	-	-	0.083 U	-	-
Benzo(k)fluoranthene	mg/kg	21	-	-	0.083 U	-	-
Biphenyl (1,1-Biphenyl)	mg/kg		-	-	0.62 U	-	-
bis(2-Chloroethoxy)methane	mg/kg		-	-	1.2 U	-	-
bis(2-Chloroethyl)ether	mg/kg		-	-	1.2 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	-	-	0.26 J	-	-
Butyl benzylphthalate (BBP)	mg/kg		-	-	0.62 U	-	-
Caprolactam	mg/kg		-	-	4.1 U	-	-
Carbazole	mg/kg		-	-	0.62 U	-	-
Chrysene	mg/kg	210	-	-	0.083 U	-	-
Dibenz(a,h)anthracene	mg/kg		-	-	0.083 U	-	-

TABLE 4.5.1
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***SB-202***	***SB-202***	***SB-202***	***SB-203***	***SB-203***
Sample ID:			***S-12616-080811-DN-06***	***S-12616-080811-DN-11***	***S-12616-080811-DN-05***	***S-12616-080811-DN-07***	***S-12616-080811-DN-08***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(2-4) ft BGS***	***(2-4) ft BGS (Duplicate)***	***(4-6) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Parameters:	***Units***	RSL June 2011					
Dibenzofuran	mg/kg	1000	-	-	0.62 U	-	-
Diethyl phthalate	mg/kg		-	-	0.62 U	-	-
Dimethyl phthalate	mg/kg		-	-	0.62 U	-	-
Di-n-butylphthalate (DBP)	mg/kg	62000	-	-	0.62 U	-	-
Di-n-octyl phthalate (DnOP)	mg/kg		-	-	0.62 U	-	-
Fluoranthene	mg/kg	22000	-	-	0.083 U	-	-
Fluorene	mg/kg	22000	-	-	0.083 U	-	-
Hexachlorobenzene	mg/kg		-	-	0.083 U	-	-
Hexachlorobutadiene	mg/kg		-	-	0.62 U	-	-
Hexachlorocyclopentadiene	mg/kg		-	-	4.1 U	-	-
Hexachloroethane	mg/kg		-	-	0.62 U	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	-	-	0.083 U	-	-
Isophorone	mg/kg		-	-	0.62 U	-	-
Naphthalene	mg/kg	18	-	-	0.083 U	-	-
Nitrobenzene	mg/kg		-	-	1.2 U	-	-
N-Nitrosodi-n-propylamine	mg/kg		-	-	0.62 U	-	-
N-Nitrosodiphenylamine	mg/kg		-	-	0.62 U	-	-
Pentachlorophenol	mg/kg		-	-	1.9 U	-	-
Phenanthrene	mg/kg	4100	-	-	0.083 U	-	-
Phenol	mg/kg		-	-	0.62 U	-	-
Pyrene	mg/kg	17000	-	-	0.083 U	-	-
Metals							
Aluminum	mg/kg	990000	5800	8200	9900	7400	9600
Antimony	mg/kg	410	1.6 J	2.2 J	1.2 UJ	1.1 UJ	0.56 J
Arsenic	mg/kg	1.6	**8.5**	**12**	**4.9**	**15**	**5.9**
Barium	mg/kg	190000	67 J	110 J	93 J	94 J	96 J
Beryllium	mg/kg	2000	0.16 J	0.28 J	0.45 J	0.44 J	0.39 J
Cadmium	mg/kg	800	0.44	1.0	0.11 J	0.22 U	0.16 J
Calcium	mg/kg		4300 J	16000 J	2500 J	1800 J	4000 J
Chromium	mg/kg	1500000	170 J	860 J	15	13	140
Chromium VI (hexavalent)	mg/kg	5.6	1.3	1.0 U	0.99 U	0.88 U	0.41 J
Cobalt	mg/kg	300	13	15	6.3	9.3	17
Copper	mg/kg	41000	4300 J	7700 J	66 J	35 J	6000 J
Iron	mg/kg	720000	29000	31000	18000	28000	27000
Lead	mg/kg	800	140	200	16	13	39
Magnesium	mg/kg		2300	3700	2300	2200	2700
Manganese	mg/kg	23000	260 J	1600 J	160	820	280
Mercury	mg/kg	43	0.13	0.19	0.046 J	0.036 J	0.077 J
Nickel	mg/kg	20000	1600	3000	23	39	2100
Potassium	mg/kg		720	720	940	720	960
Selenium	mg/kg	5100	0.62 U	1.1	0.60 U	0.54 U	0.62 U
Silver	mg/kg	5100	0.92 J	3.9 J	0.60 U	0.54 U	0.33 J
Sodium	mg/kg		390 J	1400 J	120 J	540 U	300 J
Thallium	mg/kg	10	1.2 U	1.5	1.2 U	0.59 J	1.2 U
Vanadium	mg/kg	5200	15	25	21	23	21
Zinc	mg/kg	310000	4400 J	19000 J	110	85	3200

TABLE 4.5.1
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***SB-202***	***SB-202***	***SB-202***	***SB-203***	***SB-203***
Sample ID:			***S-12616-080811-DN-06***	***S-12616-080811-DN-11***	***S-12616-080811-DN-05***	***S-12616-080811-DN-07***	***S-12616-080811-DN-08***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(2-4) ft BGS***	***(2-4) ft BGS (Duplicate)***	***(4-6) ft BGS***	***(4-6) ft BGS***	***(6-8) ft BGS***
Parameters:	***Units***	RSL June 2011					
General Chemistry							
Cyanide (total)	mg/kg	20000	1.5	3.1	0.25 J	0.54 U	2.3

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.5.2
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***BH51-13***	***BH52-13***	***BH54-13***	***BH55-13***	***BH56-13***
Sample ID:			***S-12616-071513-DN-47***	***S-12616-071513-DN-48***	***S-12616-071613-DN-49***	***S-12616-071613-DN-50***	***S-12616-071613-DN-51***
Sample Date:			***7/15/2013***	***7/15/2013***	***7/16/2013***	***7/16/2013***	***7/16/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	7.5	8.7	7.5	9.0	9.4
Copper	mg/kg	41000	480	730	540	510	6700
Manganese	mg/kg	23000	940	810	1200	1300	670
Nickel	mg/kg	20000	300	390	270	230	1100
Zinc	mg/kg	310000	1300	2300	1300	1200	10000

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.

TABLE 4.5.2
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***BH57-13***	***BH58-13***	***BH58-13***	***BH58-13***	***BH59-13***
Sample ID:			***S-12616-071613-DN-52***	***S-12616-071613-DN-53***	***S-12616-071613-DN-54***	***S-12616-071613-DN-55***	***S-12616-071613-DN-56***
Sample Date:			***7/16/2013***	***7/16/2013***	***7/16/2013***	***7/16/2013***	***7/16/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(0-2.5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	15	8.2	14	9.0	8.5
Copper	mg/kg	41000	150	700	5000	66	3900
Manganese	mg/kg	23000	390	770	990	250	11000
Nickel	mg/kg	20000	41	250	2000	26	1800
Zinc	mg/kg	310000	230	1400	6700	150	11000

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.

TABLE 4.5.2
SOIL SAMPLING SUMMARY
AOI 5 - SOUTHERN TRENCH AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 5 - South Trench***	***AOI 5 - South Trench***
Sample Location:			***BH59-13***	***BH59-13***
Sample ID:			***S-12616-071613-DN-57***	***S-12616-071613-DN-58***
Sample Date:			***7/16/2013***	***7/16/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***	RSL June 2011		
Metals				
Cobalt	mg/kg	300	4.5 J	11
Copper	mg/kg	41000	4700	36
Manganese	mg/kg	23000	110	320
Nickel	mg/kg	20000	220	23
Zinc	mg/kg	310000	18000	170

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.

TABLE 4.6.1
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***SB-200***	***SB-200***
Sample ID:			***S-12616-080811-DN-01***	***S-12616-080811-DN-02***
Sample Date:			***8/8/2011***	***8/8/2011***
Sample Depth:			***(1-3) ft BGS***	***(5-7) ft BGS***
Parameters:	***Units***	RSL June 2011		
Volatile Organic Compounds				
1,1,1-Trichloroethane	mg/kg		0.0055 UJ	-
1,1,2,2-Tetrachloroethane	mg/kg		0.0055 UJ	-
1,1,2-Trichloroethane	mg/kg		0.0055 UJ	-
1,1-Dichloroethane	mg/kg		0.0055 UJ	-
1,1-Dichloroethene	mg/kg		0.0055 UJ	-
1,2,4-Trichlorobenzene	mg/kg	99	0.0055 UJ	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		0.011 UJ	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		0.0055 UJ	-
1,2-Dichlorobenzene	mg/kg		0.0055 UJ	-
1,2-Dichloroethane	mg/kg		0.0055 UJ	-
1,2-Dichloropropane	mg/kg		0.0055 UJ	-
1,3-Dichlorobenzene	mg/kg		0.0055 UJ	-
1,4-Dichlorobenzene	mg/kg		0.0055 UJ	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	0.022 UJ	-
2-Hexanone	mg/kg		0.022 UJ	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	0.00064 J	-
Acetone	mg/kg	630000	0.022 J	-
Benzene	mg/kg		0.0055 UJ	-
Bromodichloromethane	mg/kg		0.0055 UJ	-
Bromoform	mg/kg		0.0055 UJ	-
Bromomethane (Methyl bromide)	mg/kg		0.0055 UJ	-
Carbon disulfide	mg/kg	3700	0.0027 J	-
Carbon tetrachloride	mg/kg		0.0055 UJ	-
Chlorobenzene	mg/kg		0.0055 UJ	-
Chloroethane	mg/kg		0.0055 UJ	-
Chloroform (Trichloromethane)	mg/kg		0.0055 UJ	-
Chloromethane (Methyl chloride)	mg/kg		0.0055 UJ	-
cis-1,2-Dichloroethene	mg/kg		0.0055 UJ	-
cis-1,3-Dichloropropene	mg/kg		0.0055 UJ	-
Cyclohexane	mg/kg		0.011 UJ	-
Dibromochloromethane	mg/kg		0.0055 UJ	-
Dichlorodifluoromethane (CFC-12)	mg/kg		0.0055 UJ	-
Ethylbenzene	mg/kg	27	0.0055 UJ	-
Isopropyl benzene	mg/kg	11000	0.0055 UJ	-
Methyl acetate	mg/kg	1000000	0.011 UJ	-
Methyl cyclohexane	mg/kg	29000	0.011 UJ	-
Methyl tert butyl ether (MTBE)	mg/kg		0.022 UJ	-
Methylene chloride	mg/kg	53	0.0025 J	-
Styrene	mg/kg		0.0055 UJ	-
Tetrachloroethene	mg/kg	2.6	0.0055 UJ	-
Toluene	mg/kg	45000	0.0055 UJ	-
trans-1,2-Dichloroethene	mg/kg		0.0055 UJ	-
trans-1,3-Dichloropropene	mg/kg		0.0055 UJ	-
Trichloroethene	mg/kg	14	0.0055 UJ	-
Trichlorofluoromethane (CFC-11)	mg/kg		0.0055 UJ	-
Trifluorotrichloroethane (Freon 113)	mg/kg		0.0055 UJ	-
Vinyl chloride	mg/kg		0.0055 UJ	-
Xylenes (total)	mg/kg	2700	0.011 UJ	-
Semi-volatile Organic Compounds				
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg		0.12 U	-

TABLE 4.6.1
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***SB-200***	***SB-200***
Sample ID:			***S-12616-080811-DN-01***	***S-12616-080811-DN-02***
Sample Date:			***8/8/2011***	***8/8/2011***
Sample Depth:			***(1-3) ft BGS***	***(5-7) ft BGS***
Parameters:	***Units***	RSL June 2011		
2,4,5-Trichlorophenol	mg/kg		0.19 U	-
2,4,6-Trichlorophenol	mg/kg		0.19 U	-
2,4-Dichlorophenol	mg/kg		0.19 U	-
2,4-Dimethylphenol	mg/kg		0.19 U	-
2,4-Dinitrophenol	mg/kg		0.41 U	-
2,4-Dinitrotoluene	mg/kg		0.25 U	-
2,6-Dinitrotoluene	mg/kg		0.25 U	-
2-Chloronaphthalene	mg/kg		0.062 U	-
2-Chlorophenol	mg/kg		0.062 U	-
2-Methylnaphthalene	mg/kg	4100	0.0082 J	-
2-Methylphenol	mg/kg		0.25 U	-
2-Nitroaniline	mg/kg		0.25 U	-
2-Nitrophenol	mg/kg		0.062 U	-
3&4-Methylphenol	mg/kg		0.5 U	-
3,3'-Dichlorobenzidine	mg/kg		0.12 U	-
3-Nitroaniline	mg/kg		0.25 U	-
4,6-Dinitro-2-methylphenol	mg/kg		0.19 U	-
4-Bromophenyl phenyl ether	mg/kg		0.062 U	-
4-Chloro-3-methylphenol	mg/kg		0.19 U	-
4-Chloroaniline	mg/kg		0.19 U	-
4-Chlorophenyl phenyl ether	mg/kg		0.062 U	-
4-Nitroaniline	mg/kg		0.25 U	-
4-Nitrophenol	mg/kg		0.41 U	-
Acenaphthene	mg/kg	33000	0.0083 U	-
Acenaphthylene	mg/kg		0.0083 U	-
Acetophenone	mg/kg		0.12 U	-
Anthracene	mg/kg	170000	0.0083 U	-
Atrazine	mg/kg		0.25 U	-
Benzaldehyde	mg/kg		0.12 U	-
Benzo(a)anthracene	mg/kg	2.1	0.013	-
Benzo(a)pyrene	mg/kg	0.21	0.01	-
Benzo(b)fluoranthene	mg/kg	2.1	0.02	-
Benzo(g,h,i)perylene	mg/kg	4100	0.0095	-
Benzo(k)fluoranthene	mg/kg	21	0.0078 J	-
Biphenyl (1,1-Biphenyl)	mg/kg		0.062 U	-
bis(2-Chloroethoxy)methane	mg/kg		0.12 U	-
bis(2-Chloroethyl)ether	mg/kg		0.12 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	1.7	-
Butyl benzylphthalate (BBP)	mg/kg		0.062 U	-
Caprolactam	mg/kg		0.41 U	-
Carbazole	mg/kg		0.062 U	-
Chrysene	mg/kg	210	0.019	-
Dibenz(a,h)anthracene	mg/kg		0.0083 U	-
Dibenzofuran	mg/kg	1000	0.062 U	-
Diethyl phthalate	mg/kg		0.062 U	-
Dimethyl phthalate	mg/kg		0.062 U	-
Di-n-butylphthalate (DBP)	mg/kg	62000	0.019 J	-
Di-n-octyl phthalate (DnOP)	mg/kg		0.062 U	-
Fluoranthene	mg/kg	22000	0.036	-
Fluorene	mg/kg	22000	0.0083 U	-
Hexachlorobenzene	mg/kg		0.0083 U	-
Hexachlorobutadiene	mg/kg		0.062 U	-
Hexachlorocyclopentadiene	mg/kg		0.41 U	-
Hexachloroethane	mg/kg		0.062 U	-
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	0.0069 J	-

TABLE 4.6.1
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***SB-200***	***SB-200***
Sample ID:			***S-12616-080811-DN-01***	***S-12616-080811-DN-02***
Sample Date:			***8/8/2011***	***8/8/2011***
Sample Depth:			***(1-3) ft BGS***	***(5-7) ft BGS***
Parameters:	***Units***	RSL June 2011		
Isophorone	mg/kg		0.062 U	-
Naphthalene	mg/kg	18	0.0058 J	-
Nitrobenzene	mg/kg		0.12 U	-
N-Nitrosodi-n-propylamine	mg/kg		0.062 U	-
N-Nitrosodiphenylamine	mg/kg		0.062 U	-
Pentachlorophenol	mg/kg		0.19 U	-
Phenanthrene	mg/kg	4100	0.016	-
Phenol	mg/kg		0.062 U	-
Pyrene	mg/kg	17000	0.028	-
Metals				
Aluminum	mg/kg	990000	29000	4500
Antimony	mg/kg	410	1.1 UJ	1.1 UJ
Arsenic	mg/kg	1.6	1.4	**11**
Barium	mg/kg	190000	250 J	28 J
Beryllium	mg/kg	2000	5.7	0.15 J
Cadmium	mg/kg	800	0.22 U	0.30
Calcium	mg/kg		250000 J	1600 J
Chromium	mg/kg	1500000	7.3	8.0
Chromium VI (hexavalent)	mg/kg	5.6	1.0 U	0.92 J
Cobalt	mg/kg	300	1.0 J	6.0
Copper	mg/kg	41000	1.7 J	16 J
Iron	mg/kg	720000	4000	15000
Lead	mg/kg	800	1.3	7.3
Magnesium	mg/kg		34000	1200
Manganese	mg/kg	23000	2400	180
Mercury	mg/kg	43	0.084 U	0.019 J
Nickel	mg/kg	20000	0.78 J	16
Potassium	mg/kg		870	510 J
Selenium	mg/kg	5100	2.5	0.57 U
Silver	mg/kg	5100	0.56 U	0.18 J
Sodium	mg/kg		1100	120 J
Thallium	mg/kg	10	2.6	1.1 U
Vanadium	mg/kg	5200	5.0 J	15
Zinc	mg/kg	310000	3.4	47
General Chemistry				
Cyanide (total)	mg/kg	20000	0.62 U	0.12 J

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH34-13***	***BH34-13***	***BH35-13***	***BH36-13***	***BH36-13***
Sample ID:			***S-12616-072313-DEN-111***	***S-12616-071213-DN-28***	***S-12616-072313-DEN-112***	***S-12616-072313-DEN-113***	***S-12616-071213-DN-29***
Sample Date:			***7/23/2013***	***7/12/2013***	***7/23/2013***	***7/23/2013***	***7/12/2013***
Sample Depth:			***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	8.0	15 J	7.3	7.1	7.4
Copper	mg/kg	41000	370	**42000**	110	160	1200
Manganese	mg/kg	23000	760	380	1300	2100	870
Nickel	mg/kg	20000	200 J	3800	100 J	120 J	340
Zinc	mg/kg	310000	1100	30000	400	520	1500

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH37-13***	***BH37-13***	***BH38-13***	***BH38-13***	***BH38-13***
Sample ID:			***S-12616-072313-DEN-114***	***S-12616-071213-DN-30***	***S-12616-072313-DEN-115***	***S-12616-071213-DN-31***	***S-12616-071213-DN-32***
Sample Date:			***7/23/2013***	***7/12/2013***	***7/23/2013***	***7/12/2013***	***7/12/2013***
Sample Depth:			***(0-2) ft BGS***	***(7.5-10) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	9.8	20	8.0	11	11
Copper	mg/kg	41000	680	28	260	490	17
Manganese	mg/kg	23000	660	1000	1100	1600	830
Nickel	mg/kg	20000	120 J	47	170 J	500	24
Zinc	mg/kg	310000	650	80	540	2400	50

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH39-13***	***BH39-13***	***BH40-13***	***BH41-13***	***BH41-13***
Sample ID:			***S-12616-072313-DEN-116***	***S-12616-071213-DN-33***	***S-12616-072313-DEN-117***	***S-12616-072313-DEN-118***	***S-12616-071213-DN-34***
Sample Date:			***7/23/2013***	***7/12/2013***	***7/23/2013***	***7/23/2013***	***7/12/2013***
Sample Depth:			***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	12	13	8.6	5.5 J	6.3
Copper	mg/kg	41000	330	1400	220	98	510
Manganese	mg/kg	23000	950	340	760	1100	1600
Nickel	mg/kg	20000	110 J	390	190 J	56 J	210
Zinc	mg/kg	310000	460	1600	1000	300	670

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH42-13***	***BH43-13***	***BH43-13***	***BH43-13***	***BH44-13***
Sample ID:			***S-12616-071213-DN-35***	***S-12616-071513-DN-36***	***S-12616-072313-DEN-119***	***S-12616-071513-DN-37***	***S-12616-072313-DEN-120***
Sample Date:			***7/12/2013***	***7/15/2013***	***7/23/2013***	***7/15/2013***	***7/23/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	10	1200 UJ	33	9.2	8.8
Copper	mg/kg	41000	5000	**52000 J**	15000	8000	2100
Manganese	mg/kg	23000	370	340 J	430	260	1300
Nickel	mg/kg	20000	1300	**25000 J**	6400 J	90	580 J
Zinc	mg/kg	310000	3900	65000 J	18000	4600	7800

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH44-13***	***BH45-13***	***BH45-13***	***BH45-13***	***BH46-13***
Sample ID:			***S-12616-071513-DN-38***	***S-12616-072313-DEN-121***	***S-12616-071513-DN-39***	***S-12616-071513-DN-40***	***S-12616-072313-DEN-122***
Sample Date:			***7/15/2013***	***7/23/2013***	***7/15/2013***	***7/15/2013***	***7/23/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	7.7	8.6	7.9	24	14
Copper	mg/kg	41000	15000	2000	1100	34000	3500
Manganese	mg/kg	23000	130	300	180	1900	510
Nickel	mg/kg	20000	1800	1900 J	2000	4300	1300 J
Zinc	mg/kg	310000	35000	33000	5000	32000	4900

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH46-13***	***BH47-13***	***BH48-13***	***BH48-13***	***BH48-13***
Sample ID:			***S-12616-071513-DN-41***	***S-12616-071513-DN-42***	***S-12616-072313-DEN-123***	***S-12616-071513-DN-43***	***S-12616-071513-DN-44***
Sample Date:			***7/15/2013***	***7/15/2013***	***7/23/2013***	***7/15/2013***	***7/15/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS (Duplicate)***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	14	14	8.0	21	21
Copper	mg/kg	41000	**50000**	31000	71	18000	28000
Manganese	mg/kg	23000	340	200	630	580	620
Nickel	mg/kg	20000	1200	5700	57 J	7100	8600
Zinc	mg/kg	310000	32000	57000	170	47000	41000

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.6.2
SOIL SAMPLING SUMMARY
AOI 6 - SOUTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***	***AOI 6 - S. Die Storage***
Sample Location:			***BH49-13***	***BH49-13***	***BH50-13***
Sample ID:			***S-12616-071513-DN-45***	***S-12616-072313-DEN-124***	***S-12616-071513-DN-46***
Sample Date:			***7/15/2013***	***7/23/2013***	***7/15/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011			
Metals					
Cobalt	mg/kg	300	37	7.3	22
Copper	mg/kg	41000	22000	480	9800
Manganese	mg/kg	23000	360	170	610
Nickel	mg/kg	20000	**23000**	1100 J	5500
Zinc	mg/kg	310000	47000	29000	76000

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.7.1
SOIL SAMPLING SUMMARY
AOI 7 - NORTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***
Sample Location:			***SB-201***	***SB-201***
Sample ID:			***S-12616-080811-DN-03***	***S-12616-080811-DN-04***
Sample Date:			***8/8/2011***	***8/8/2011***
Sample Depth:			***(3-5) ft BGS***	***(5-7) ft BGS***
Parameters:	***Units***	RSL June 2011		
Volatile Organic Compounds				
1,1,1-Trichloroethane	mg/kg		-	-
1,1,2,2-Tetrachloroethane	mg/kg		-	-
1,1,2-Trichloroethane	mg/kg		-	-
1,1-Dichloroethane	mg/kg		-	-
1,1-Dichloroethene	mg/kg		-	-
1,2,4-Trichlorobenzene	mg/kg	99	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		-	-
1,2-Dichlorobenzene	mg/kg		-	-
1,2-Dichloroethane	mg/kg		-	-
1,2-Dichloropropane	mg/kg		-	-
1,3-Dichlorobenzene	mg/kg		-	-
1,4-Dichlorobenzene	mg/kg		-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	-	-
2-Hexanone	mg/kg		-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	-	-
Acetone	mg/kg	630000	-	-
Benzene	mg/kg		-	-
Bromodichloromethane	mg/kg		-	-
Bromoform	mg/kg		-	-
Bromomethane (Methyl bromide)	mg/kg		-	-
Carbon disulfide	mg/kg	3700	-	-
Carbon tetrachloride	mg/kg		-	-
Chlorobenzene	mg/kg		-	-
Chloroethane	mg/kg		-	-
Chloroform (Trichloromethane)	mg/kg		-	-
Chloromethane (Methyl chloride)	mg/kg		-	-
cis-1,2-Dichloroethene	mg/kg		-	-
cis-1,3-Dichloropropene	mg/kg		-	-
Cyclohexane	mg/kg		-	-
Dibromochloromethane	mg/kg		-	-
Dichlorodifluoromethane (CFC-12)	mg/kg		-	-
Ethylbenzene	mg/kg	27	-	-
Isopropyl benzene	mg/kg	11000	-	-
Methyl acetate	mg/kg	1000000	-	-
Methyl cyclohexane	mg/kg	29000	-	-
Methyl tert butyl ether (MTBE)	mg/kg		-	-
Methylene chloride	mg/kg	53	-	-
Styrene	mg/kg		-	-
Tetrachloroethene	mg/kg	2.6	-	-
Toluene	mg/kg	45000	-	-
trans-1,2-Dichloroethene	mg/kg		-	-
trans-1,3-Dichloropropene	mg/kg		-	-
Trichloroethene	mg/kg	14	-	-
Trichlorofluoromethane (CFC-11)	mg/kg		-	-
Trifluorotrichloroethane (Freon 113)	mg/kg		-	-
Vinyl chloride	mg/kg		-	-
Xylenes (total)	mg/kg	2700	-	-
Metals				

TABLE 4.7.1
SOIL SAMPLING SUMMARY
AOI 7 - NORTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***
Sample Location:			***SB-201***	***SB-201***
Sample ID:			***S-12616-080811-DN-03***	***S-12616-080811-DN-04***
Sample Date:			***8/8/2011***	***8/8/2011***
Sample Depth:			***(3-5) ft BGS***	***(5-7) ft BGS***
Parameters:	***Units***	RSL June 2011		
Aluminum	mg/kg	990000	9500	8200
Antimony	mg/kg	410	2.1 J	1.2 UJ
Arsenic	mg/kg	1.6	**11**	**8.3**
Barium	mg/kg	190000	420 J	63 J
Beryllium	mg/kg	2000	0.18 J	0.29 J
Cadmium	mg/kg	800	2.9	0.24 U
Calcium	mg/kg		16000 J	3800 J
Chromium	mg/kg	1500000	1200	31
Chromium VI (hexavalent)	mg/kg	5.6	1.5	1.7
Cobalt	mg/kg	300	16	6.3
Copper	mg/kg	41000	26000 J	190 J
Iron	mg/kg	720000	59000	19000
Lead	mg/kg	800	530	12
Magnesium	mg/kg		4700	2700
Manganese	mg/kg	23000	480	230
Mercury	mg/kg	43	0.14	0.030 J
Nickel	mg/kg	20000	3000	54
Potassium	mg/kg		760	1000
Selenium	mg/kg	5100	0.59 U	0.60 U
Silver	mg/kg	5100	1.2	0.60 U
Sodium	mg/kg		2400	600 U
Thallium	mg/kg	10	0.79 J	0.74 J
Vanadium	mg/kg	5200	19	22
Zinc	mg/kg	310000	36000	260
General Chemistry				
Cyanide (total)	mg/kg	20000	0.36 J	0.60 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.
result exceeds RSL

TABLE 4.7.2
SOIL SAMPLING SUMMARY
AOI 7 - NORTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***
Sample Location:			***BH22-13***	***BH23-13***	***BH25-13***	***BH25-13***	***BH26-13***
Sample ID:			***S-12616-071113-DN-14***	***S-12616-071113-DN-15***	***S-12616-071113-DN-16***	***S-12616-071113-DN-17***	***S-12616-071113-DN-18***
Sample Date:			***7/11/2013***	***7/11/2013***	***7/11/2013***	***7/11/2013***	***7/11/2013***
Sample Depth:			***(5-7.5) ft BGS***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(0-2.5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	6.8	0.99 J	11	17 J	13 J
Copper	mg/kg	41000	1000	220	11000	21000	21000
Manganese	mg/kg	23000	590	1300	460	1700	520
Nickel	mg/kg	20000	310	44	2000	4200	4100
Zinc	mg/kg	310000	1900	250	9400	17000	17000

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.7.2
SOIL SAMPLING SUMMARY
AOI 7 - NORTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***
Sample Location:			***BH26-13***	***BH27-13***	***BH27-13***	***BH27-13***	***BH28-13***
Sample ID:			***S-12616-071113-DN-19***	***S-12616-071113-DN-20***	***S-12616-071113-DN-21***	***S-12616-071113-DN-22***	***S-12616-071113-DN-23***
Sample Date:			***7/11/2013***	***7/11/2013***	***7/11/2013***	***7/11/2013***	***7/11/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(0-2.5) ft BGS***	***(0-2.5) ft BGS (Duplicate)***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	17 J	11	11 J	760 U	5.3
Copper	mg/kg	41000	27000	6100	7300	28000	100
Manganese	mg/kg	23000	2500	400	870	230	690
Nickel	mg/kg	20000	3400	1200	1400	3400	80
Zinc	mg/kg	310000	29000	6400	6600	27000	230

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.7.2
SOIL SAMPLING SUMMARY
AOI 7 - NORTHERN DIE STORAGE PAD AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***	***AOI 7 - N. Die Storage***
Sample Location:			***BH30-13***	***BH31-13***	***BH32-13***	***BH33-13***
Sample ID:			***S-12616-071213-DN-24***	***S-12616-071213-DN-25***	***S-12616-071213-DN-26***	***S-12616-071213-DN-27***
Sample Date:			***7/12/2013***	***7/12/2013***	***7/12/2013***	***7/12/2013***
Sample Depth:			***(0-2.5) ft BGS***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	5.0 J	17 J	13	5.2 J
Copper	mg/kg	41000	8.7	23000	27000	40
Manganese	mg/kg	23000	340	830	470	100
Nickel	mg/kg	20000	11	5600	3000	15
Zinc	mg/kg	310000	40	18000	30000	69

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 4.8.1
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***SB-204***	***SB-204***	***SB-205***	***SB-205***
Sample ID:			***S-12616-080811-DN-09***	***S-12616-080811-DN-10***	***S-12616-080811-DN-12***	***S-12616-080811-DN-13***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(6-8) ft BGS***	***(8-10) ft BGS***	***(2-3) ft BGS***	***(7.5-9.5) ft BGS***
Parameters:	***Units***	RSL June 2011				
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/kg		-	-	-	0.0044 UJ
1,1,2,2-Tetrachloroethane	mg/kg		-	-	-	0.0044 UJ
1,1,2-Trichloroethane	mg/kg		-	-	-	0.0044 UJ
1,1-Dichloroethane	mg/kg		-	-	-	0.0044 UJ
1,1-Dichloroethene	mg/kg		-	-	-	0.0044 UJ
1,2,4-Trichlorobenzene	mg/kg	99	-	-	-	0.0044 UJ
1,2-Dibromo-3-chloropropane (DBCP)	mg/kg		-	-	-	0.0088 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/kg		-	-	-	0.0044 UJ
1,2-Dichlorobenzene	mg/kg		-	-	-	0.0044 UJ
1,2-Dichloroethane	mg/kg		-	-	-	0.0044 UJ
1,2-Dichloropropane	mg/kg		-	-	-	0.0044 UJ
1,3-Dichlorobenzene	mg/kg		-	-	-	0.0044 UJ
1,4-Dichlorobenzene	mg/kg		-	-	-	0.0044 UJ
2-Butanone (Methyl ethyl ketone) (MEK)	mg/kg	200000	-	-	-	0.018 UJ
2-Hexanone	mg/kg		-	-	-	0.018 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/kg	53000	-	-	-	0.00051 J
Acetone	mg/kg	630000	-	-	-	0.031 J
Benzene	mg/kg		-	-	-	0.0044 UJ
Bromodichloromethane	mg/kg		-	-	-	0.0044 UJ
Bromoform	mg/kg		-	-	-	0.0044 UJ
Bromomethane (Methyl bromide)	mg/kg		-	-	-	0.0044 UJ
Carbon disulfide	mg/kg	3700	-	-	-	0.0036 J
Carbon tetrachloride	mg/kg		-	-	-	0.0044 UJ
Chlorobenzene	mg/kg		-	-	-	0.0044 UJ
Chloroethane	mg/kg		-	-	-	0.0044 UJ
Chloroform (Trichloromethane)	mg/kg		-	-	-	0.0044 UJ
Chloromethane (Methyl chloride)	mg/kg		-	-	-	0.0044 UJ
cis-1,2-Dichloroethene	mg/kg		-	-	-	0.0044 UJ
cis-1,3-Dichloropropene	mg/kg		-	-	-	0.0044 UJ
Cyclohexane	mg/kg		-	-	-	0.0088 UJ
Dibromochloromethane	mg/kg		-	-	-	0.0044 UJ
Dichlorodifluoromethane (CFC-12)	mg/kg		-	-	-	0.0044 UJ
Ethylbenzene	mg/kg	27	-	-	-	0.0044 UJ
Isopropyl benzene	mg/kg	11000	-	-	-	0.0044 UJ
Methyl acetate	mg/kg	1000000	-	-	-	0.0088 UJ
Methyl cyclohexane	mg/kg	29000	-	-	-	0.00089 J

TABLE 4.8.1
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***SB-204***	***SB-204***	***SB-205***	***SB-205***
Sample ID:			***S-12616-080811-DN-09***	***S-12616-080811-DN-10***	***S-12616-080811-DN-12***	***S-12616-080811-DN-13***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(6-8) ft BGS***	***(8-10) ft BGS***	***(2-3) ft BGS***	***(7.5-9.5) ft BGS***
Methyl tert butyl ether (MTBE)	mg/kg		-	-	-	0.018 UJ
Methylene chloride	mg/kg	53	-	-	-	0.0016 J
Styrene	mg/kg		-	-	-	0.0044 UJ
Tetrachloroethene	mg/kg	2.6	-	-	-	0.0044 UJ
Toluene	mg/kg	45000	-	-	-	0.00028 J
trans-1,2-Dichloroethene	mg/kg		-	-	-	0.0044 UJ
trans-1,3-Dichloropropene	mg/kg		-	-	-	0.0044 UJ
Trichloroethene	mg/kg	14	-	-	-	0.0004 J
Trichlorofluoromethane (CFC-11)	mg/kg		-	-	-	0.0044 UJ
Trifluorotrichloroethane (Freon 113)	mg/kg		-	-	-	0.0044 UJ
Vinyl chloride	mg/kg		-	-	-	0.0044 UJ
Xylenes (total)	mg/kg	2700	-	-	-	0.0088 UJ
Semi-volatile Organic Compounds						
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/kg		-	-	-	1.1 U
2,4,5-Trichlorophenol	mg/kg		-	-	-	1.7 U
2,4,6-Trichlorophenol	mg/kg		-	-	-	1.7 U
2,4-Dichlorophenol	mg/kg		-	-	-	1.7 U
2,4-Dimethylphenol	mg/kg		-	-	-	1.7 U
2,4-Dinitrophenol	mg/kg		-	-	-	3.8 U
2,4-Dinitrotoluene	mg/kg		-	-	-	2.3 U
2,6-Dinitrotoluene	mg/kg		-	-	-	2.3 U
2-Chloronaphthalene	mg/kg		-	-	-	0.57 U
2-Chlorophenol	mg/kg		-	-	-	0.57 U
2-Methylnaphthalene	mg/kg	4100	-	-	-	0.076 U
2-Methylphenol	mg/kg		-	-	-	2.3 U
2-Nitroaniline	mg/kg		-	-	-	2.3 U
2-Nitrophenol	mg/kg		-	-	-	0.57 U
3&4-Methylphenol	mg/kg		-	-	-	4.6 U
3,3'-Dichlorobenzidine	mg/kg		-	-	-	1.1 U
3-Nitroaniline	mg/kg		-	-	-	2.3 U
4,6-Dinitro-2-methylphenol	mg/kg		-	-	-	1.7 U
4-Bromophenyl phenyl ether	mg/kg		-	-	-	0.57 U
4-Chloro-3-methylphenol	mg/kg		-	-	-	1.7 U
4-Chloroaniline	mg/kg		-	-	-	1.7 U
4-Chlorophenyl phenyl ether	mg/kg		-	-	-	0.57 U
4-Nitroaniline	mg/kg		-	-	-	2.3 U
4-Nitrophenol	mg/kg		-	-	-	3.8 U
Acenaphthene	mg/kg	33000	-	-	-	0.076 U
Acenaphthylene	mg/kg		-	-	-	0.076 U

TABLE 4.8.1
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***SB-204***	***SB-204***	***SB-205***	***SB-205***
Sample ID:			***S-12616-080811-DN-09***	***S-12616-080811-DN-10***	***S-12616-080811-DN-12***	***S-12616-080811-DN-13***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(6-8) ft BGS***	***(8-10) ft BGS***	***(2-3) ft BGS***	***(7.5-9.5) ft BGS***
Acetophenone	mg/kg		-	-	-	1.1 U
Anthracene	mg/kg	170000	-	-	-	0.076 U
Atrazine	mg/kg		-	-	-	2.3 U
Benzaldehyde	mg/kg		-	-	-	1.1 U
Benzo(a)anthracene	mg/kg	2.1	-	-	-	0.076 U
Benzo(a)pyrene	mg/kg	0.21	-	-	-	0.076 U
Benzo(b)fluoranthene	mg/kg	2.1	-	-	-	0.076 U
Benzo(g,h,i)perylene	mg/kg	4100	-	-	-	0.076 U
Benzo(k)fluoranthene	mg/kg	21	-	-	-	0.076 U
Biphenyl (1,1-Biphenyl)	mg/kg		-	-	-	0.57 U
bis(2-Chloroethoxy)methane	mg/kg		-	-	-	1.1 U
bis(2-Chloroethyl)ether	mg/kg		-	-	-	1.1 U
bis(2-Ethylhexyl)phthalate (DEHP)	mg/kg	120	-	-	-	0.57 U
Butyl benzylphthalate (BBP)	mg/kg		-	-	-	0.57 U
Caprolactam	mg/kg		-	-	-	3.8 U
Carbazole	mg/kg		-	-	-	0.57 U
Chrysene	mg/kg	210	-	-	-	0.076 U
Dibenz(a,h)anthracene	mg/kg		-	-	-	0.076 U
Dibenzofuran	mg/kg	1000	-	-	-	0.57 U
Diethyl phthalate	mg/kg		-	-	-	0.57 U
Dimethyl phthalate	mg/kg		-	-	-	0.57 U
Di-n-butylphthalate (DBP)	mg/kg	62000	-	-	-	0.57 U
Di-n-octyl phthalate (DnOP)	mg/kg		-	-	-	0.57 U
Fluoranthene	mg/kg	22000	-	-	-	0.049 J
Fluorene	mg/kg	22000	-	-	-	0.076 U
Hexachlorobenzene	mg/kg		-	-	-	0.076 U
Hexachlorobutadiene	mg/kg		-	-	-	0.57 U
Hexachlorocyclopentadiene	mg/kg		-	-	-	3.8 U
Hexachloroethane	mg/kg		-	-	-	0.57 U
Indeno(1,2,3-cd)pyrene	mg/kg	2.1	-	-	-	0.076 U
Isophorone	mg/kg		-	-	-	0.57 U
Naphthalene	mg/kg	18	-	-	-	0.076 U
Nitrobenzene	mg/kg		-	-	-	1.1 U
N-Nitrosodi-n-propylamine	mg/kg		-	-	-	0.57 U
N-Nitrosodiphenylamine	mg/kg		-	-	-	0.57 U
Pentachlorophenol	mg/kg		-	-	-	1.7 U
Phenanthrene	mg/kg	4100	-	-	-	0.076 U
Phenol	mg/kg		-	-	-	0.57 U
Pyrene	mg/kg	17000	-	-	-	0.045 J
Metals						

TABLE 4.8.1
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***SB-204***	***SB-204***	***SB-205***	***SB-205***
Sample ID:			***S-12616-080811-DN-09***	***S-12616-080811-DN-10***	***S-12616-080811-DN-12***	***S-12616-080811-DN-13***
Sample Date:			***8/8/2011***	***8/8/2011***	***8/8/2011***	***8/8/2011***
Sample Depth:			***(6-8) ft BGS***	***(8-10) ft BGS***	***(2-3) ft BGS***	***(7.5-9.5) ft BGS***
Aluminum	mg/kg	990000	11000	10000	24000	21000
Antimony	mg/kg	410	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	mg/kg	1.6	**6.9**	**13**	1.2	**2.2**
Barium	mg/kg	190000	120 J	100 J	290 J	230 J
Beryllium	mg/kg	2000	0.53 J	0.40 J	8.4	6.9
Cadmium	mg/kg	800	0.23 U	0.12 J	0.22 U	0.22 U
Calcium	mg/kg		2700 J	3600 J	260000 J	200000 J
Chromium	mg/kg	1500000	17	27	3.4 U	22
Chromium VI (hexavalent)	mg/kg	5.6	1.0 U	0.97 U	0.90 U	0.97
Cobalt	mg/kg	300	5.5 J	13	0.78 J	1.8 J
Copper	mg/kg	41000	30 J	230 J	1.5 J	35 J
Iron	mg/kg	720000	23000	31000	3300	4400
Lead	mg/kg	800	11	19	0.85	6.8
Magnesium	mg/kg		2200	3800	36000	31000
Manganese	mg/kg	23000	210	500	2300	2000
Mercury	mg/kg	43	0.036 J	0.015 J	0.11 U	0.081 U
Nickel	mg/kg	20000	19	100	0.75 J	53
Potassium	mg/kg		640	1200	970	960
Selenium	mg/kg	5100	0.58 U	0.56 U	4.2	2.7
Silver	mg/kg	5100	0.58 U	0.56 U	0.55 U	0.55 U
Sodium	mg/kg		580 U	560 U	880	760
Thallium	mg/kg	10	0.73 J	1.3	2.6	1.9
Vanadium	mg/kg	5200	22	22	4.0 J	6.8
Zinc	mg/kg	310000	67	420	2.5	76
General Chemistry						
Cyanide (total)	mg/kg	20000	0.17 J	0.59 U	0.69	1.1 J

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.8.2
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***BH61-13***	***BH61-13***	***BH62-13***	***BH63-13***	***BH64-13***
Sample ID:			***S-12616-072313-DEN-134***	***S-12616-071613-DN-59***	***S-12616-072313-DEN-135***	***S-12616-072313-DEN-136***	***S-12616-072313-DEN-137***
Sample Date:			***7/23/2013***	***7/16/2013***	***7/23/2013***	***7/23/2013***	***7/23/2013***
Sample Depth:			***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	7.0	7.8	6.3	7.7	7.4
Copper	mg/kg	41000	160	35	25	110	260
Manganese	mg/kg	23000	1800	470	190	440	550
Nickel	mg/kg	20000	250 J	30	18 J	110 J	280
Zinc	mg/kg	310000	390	210	66	270	790

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.8.2
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***BH64-13***	***BH65-13***	***BH65-13***	***BH65-13***	***BH66-13***
Sample ID:			***S-12616-071713-DN-60***	***S-12616-072313-DEN-138***	***S-12616-071713-DN-61***	***S-12616-071713-DN-62***	***S-12616-071713-DN-63***
Sample Date:			***7/17/2013***	***7/23/2013***	***7/17/2013***	***7/17/2013***	***7/17/2013***
Sample Depth:			***(5-7.5) ft BGS***	***(0-2) ft BGS***	***(5-7.5) ft BGS***	***(5-7.5) ft BGS (Duplicate)***	***(5-7.5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	0.54 J	7.0	7.8 J	900 U	9.0 J
Copper	mg/kg	41000	8.3 J	270	2600 J	8400 J	**69000**
Manganese	mg/kg	23000	3200	730	1800	810	270
Nickel	mg/kg	20000	2.2 J	360	3500 J	11000 J	2600
Zinc	mg/kg	310000	5.7 U	790	3500 J	11000 J	15000

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.8.2
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***BH67-13***	***BH67-13***	***BH68-13***	***BH68-13***	***BH69-13***
Sample ID:			***S-12616-072313-DEN-139***	***S-12616-071713-DN-64***	***S-12616-072313-DEN-140***	***S-12616-071713-DN-65***	***S-12616-072313-DEN-141***
Sample Date:			***7/23/2013***	***7/17/2013***	***7/23/2013***	***7/17/2013***	***7/23/2013***
Sample Depth:			***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	5.3	1100 UJ	7.0	670 U	11
Copper	mg/kg	41000	200	13000 J	250	7000	460
Manganese	mg/kg	23000	930	440 J	950	200	560
Nickel	mg/kg	20000	140	11000 J	170	8600	440
Zinc	mg/kg	310000	430	21000 J	550	6500	910

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.8.2
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***BH69-13***	***BH70-13***	***BH70-13***	***BH70-13***	***BH71-13***
Sample ID:			***S-12616-071713-DN-66***	***S-12616-071713-DN-67***	***S-12616-072313-DEN-142***	***S-12616-071713-DN-68***	***S-12616-071713-DN-69***
Sample Date:			***7/17/2013***	***7/17/2013***	***7/23/2013***	***7/17/2013***	***7/17/2013***
Sample Depth:			***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(0-2) ft BGS***	***(5-7.5) ft BGS***	***(0-2.5) ft BGS***
Parameters:	***Units***	RSL June 2011					
Metals							
Cobalt	mg/kg	300	13 J	7.0	7.7	11	8.7
Copper	mg/kg	41000	18000	67	130	51	89
Manganese	mg/kg	23000	380	1000	620	1200	980
Nickel	mg/kg	20000	6300	130	130	26	95
Zinc	mg/kg	310000	33000	230	740	96	340

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.8.2
SOIL SAMPLING SUMMARY
AOI 8 - FORMER FUEL OIL TANK AREA
RACER TRUST
ELYRIA, OH

AOI			***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***	***AOI 8 - Former Fuel Tank***
Sample Location:			***BH71-13***	***BH71-13***	***BH71-13***	***BH72-13***
Sample ID:			***S-12616-072313-DEN-143***	***S-12616-071713-DN-70***	***S-12616-071713-DN-71***	***S-12616-072313-DEN-144***
Sample Date:			***7/23/2013***	***7/17/2013***	***7/17/2013***	***7/23/2013***
Sample Depth:			***(0-2) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(0-2) ft BGS***
Parameters:	***Units***	RSL June 2011				
Metals						
Cobalt	mg/kg	300	8.5	8.0	5.6 J	8.0
Copper	mg/kg	41000	270	61	1200	310
Manganese	mg/kg	23000	1200	570	160	830
Nickel	mg/kg	20000	190	23	2100	150
Zinc	mg/kg	310000	770	150	690	370

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
- - Not analyzed.
result exceeds RSL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-01***	***FD-01***	***FD-01***	***FD-01***	***FD-01***
Sample ID:			***WG-12616-082911-DN-33***	***WG-12616-120711-DN-37***	***WG-12616-030512-DN-31***	***GW-12616-062212-DN-35***	***WG-12616-040313-DN-36***
Sample Date:			***8/29/2011***	***12/7/2011***	***3/5/2012***	***6/22/2012***	***4/3/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.00021 J	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.0003 J	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-01***	***FD-01***	***FD-01***	***FD-01***	***FD-01***
Sample ID:			***WG-12616-082911-DN-33***	***WG-12616-120711-DN-37***	***WG-12616-030512-DN-31***	***GW-12616-062212-DN-35***	***WG-12616-040313-DN-36***
Sample Date:			***8/29/2011***	***12/7/2011***	***3/5/2012***	***6/22/2012***	***4/3/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-01***	***FD-01***	***FD-01***	***FD-02***	***FD-02***
Sample ID:			***WG-12616-062813-DN-36***	***WG-12616-032514-DN-49***	***WG-12616-091114-DN-52***	***WG-12616-082911-DN-32***	***WG-12616-120711-DN-36***
Sample Date:			***6/28/2013***	***3/25/2014***	***9/11/2014***	***8/29/2011***	***12/7/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-01***	***FD-01***	***FD-01***	***FD-02***	***FD-02***
Sample ID:			***WG-12616-062813-DN-36***	***WG-12616-032514-DN-49***	***WG-12616-091114-DN-52***	***WG-12616-082911-DN-32***	***WG-12616-120711-DN-36***
Sample Date:			***6/28/2013***	***3/25/2014***	***9/11/2014***	***8/29/2011***	***12/7/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-02***	***FD-02***	***FD-02***	***FD-02***	***FD-02***
Sample ID:			***WG-12616-030512-DN-32***	***GW-12616-062212-DN-36***	***WG-12616-040313-DN-37***	***WG-12616-062813-DN-37***	***WG-12616-032514-DN-50***
Sample Date:			***3/5/2012***	***6/22/2012***	***4/3/2013***	***6/28/2013***	***3/25/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-02***	***FD-02***	***FD-02***	***FD-02***	***FD-02***
Sample ID:			***WG-12616-030512-DN-32***	***GW-12616-062212-DN-36***	***WG-12616-040313-DN-37***	***WG-12616-062813-DN-37***	***WG-12616-032514-DN-50***
Sample Date:			***3/5/2012***	***6/22/2012***	***4/3/2013***	***6/28/2013***	***3/25/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-02***	***FD-02***	***FD-03***	***FD-03***	***FD-03***
Sample ID:			***WG-12616-091114-DN-53***	***WG-12616-091114-DN-54***	***WG-12616-082911-DN-34***	***WG-12616-120711-DN-35***	***WG-12616-030512-DN-33***
Sample Date:			***9/11/2014***	***9/11/2014 (Duplicate)***	***8/29/2011***	***12/7/2011***	***3/5/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-02***	***FD-02***	***FD-03***	***FD-03***	***FD-03***
Sample ID:			***WG-12616-091114-DN-53***	***WG-12616-091114-DN-54***	***WG-12616-082911-DN-34***	***WG-12616-120711-DN-35***	***WG-12616-030512-DN-33***
Sample Date:			***9/11/2014***	***9/11/2014 (Duplicate)***	***8/29/2011***	***12/7/2011***	***3/5/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-03***	***FD-03***	***FD-03***	***FD-03***	***FD-03***
Sample ID:			***GW-12616-062212-DN-37***	***WG-12616-040313-DN-38***	***WG-12616-062813-DN-38***	***WG-12616-032514-DN-51***	***WG-12616-032514-DN-52***
Sample Date:			***6/22/2012***	***4/3/2013***	***6/28/2013***	***3/25/2014***	***3/25/2014 (Duplicate)***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-03***	***FD-03***	***FD-03***	***FD-03***	***FD-03***
Sample ID:			***GW-12616-062212-DN-37***	***WG-12616-040313-DN-38***	***WG-12616-062813-DN-38***	***WG-12616-032514-DN-51***	***WG-12616-032514-DN-52***
Sample Date:			***6/22/2012***	***4/3/2013***	***6/28/2013***	***3/25/2014***	***3/25/2014 (Duplicate)***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-03***	***FD-04***	***FD-04***	***FD-04***	***FD-04***
Sample ID:			***WG-12616-091114-DN-55***	***WG-12616-082911-DN-35***	***WG-12616-120711-DN-34***	***WG-12616-030512-DN-34***	***GW-12616-062212-DN-38***
Sample Date:			***9/11/2014***	***8/29/2011***	***12/7/2011***	***3/5/2012***	***6/22/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.00085 J	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-03***	***FD-04***	***FD-04***	***FD-04***	***FD-04***
Sample ID:			***WG-12616-091114-DN-55***	***WG-12616-082911-DN-35***	***WG-12616-120711-DN-34***	***WG-12616-030512-DN-34***	***GW-12616-062212-DN-38***
Sample Date:			***9/11/2014***	***8/29/2011***	***12/7/2011***	***3/5/2012***	***6/22/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.00036 J	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-04***	***FD-04***	***FD-04***	***FD-04***	***FD-05***
Sample ID:			***WG-12616-040313-DN-39***	***WG-12616-062813-DN-39***	***WG-12616-032514-DN-53***	***WG-12616-091114-DN-56***	***WG-12616-082911-DN-29***
Sample Date:			***4/3/2013***	***6/28/2013***	***3/25/2014***	***9/11/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.0033 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 UJ	0.01 U	0.01 U	0.017 U
2-Hexanone	mg/L	-	0.01 U	0.01 UJ	0.01 U	0.01 U	0.017 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 UJ	0.01 U	0.01 U	0.017 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U
Benzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Chlorobenzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 UJ	0.001 U	0.001 U	0.066
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Ethylbenzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.017 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0083 U
Methylene chloride	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Styrene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
Toluene	mg/L	1	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0017 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 UJ	0.001 U	0.001 U	0.0043
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-04***	***FD-04***	***FD-04***	***FD-04***	***FD-05***
Sample ID:			***WG-12616-040313-DN-39***	***WG-12616-062813-DN-39***	***WG-12616-032514-DN-53***	***WG-12616-091114-DN-56***	***WG-12616-082911-DN-29***
Sample Date:			***4/3/2013***	***6/28/2013***	***3/25/2014***	***9/11/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	**0.035**
Xylenes (total)	mg/L	10	0.002 U	0.002 UJ	0.002 U	0.002 U	0.0033 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-05***	***FD-05***	***FD-05***	***FD-05***	***FD-05***
Sample ID:			***WG-12616-120711-DN-31***	***WG-12616-030212-DN-26***	***WG-12616-030212-DN-30***	***GW-12616-062112-DN-34***	***WG-12616-040213-DN-34***
Sample Date:			***12/7/2011***	***3/2/2012***	***3/2/2012 (Duplicate)***	***6/21/2012***	***4/2/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,1,2-Trichloroethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,1-Dichloroethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,1-Dichloroethene	mg/L	0.007	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,2,4-Trichlorobenzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.008 U	0.0033 U	0.0033 U	0.004 U	0.004 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,2-Dichlorobenzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,2-Dichloroethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,2-Dichloropropane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,3-Dichlorobenzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
1,4-Dichlorobenzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.04 U	0.017 U	0.017 U	0.02 U	0.02 U
2-Hexanone	mg/L	-	0.04 U	0.017 U	0.017 U	0.02 U	0.02 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.04 U	0.017 U	0.017 U	0.02 U	0.02 U
Acetone	mg/L	1.2	0.04 U	0.017 U	0.017 U	0.02 U	0.02 U
Benzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Bromodichloromethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Bromoform	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Bromomethane (Methyl bromide)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Carbon disulfide	mg/L	0.1	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Carbon tetrachloride	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Chlorobenzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Chloroethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Chloroform (Trichloromethane)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Chloromethane (Methyl chloride)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	mg/L	0.072	**0.096**	0.059	0.06	0.051	0.059
cis-1,3-Dichloropropene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Cyclohexane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Ethylbenzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Isopropyl benzene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Methyl acetate	mg/L	-	0.04 U	0.017 U	0.017 U	0.02 U	0.02 U
Methyl cyclohexane	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.02 U	0.0083 U	0.0083 U	0.01 U	0.002 U
Methylene chloride	mg/L	-	0.005 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Styrene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Tetrachloroethene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Toluene	mg/L	1	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
trans-1,2-Dichloroethene	mg/L	0.1	0.0054	0.0035	0.0034	0.0027	0.0034
trans-1,3-Dichloropropene	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Trichloroethene	mg/L	0.005	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-05***	***FD-05***	***FD-05***	***FD-05***	***FD-05***
Sample ID:			***WG-12616-120711-DN-31***	***WG-12616-030212-DN-26***	***WG-12616-030212-DN-30***	***GW-12616-062112-DN-34***	***WG-12616-040213-DN-34***
Sample Date:			***12/7/2011***	***3/2/2012***	***3/2/2012 (Duplicate)***	***6/21/2012***	***4/2/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.004 U	0.0017 U	0.0017 U	0.002 U	0.002 U
Vinyl chloride	mg/L	0.002	**0.036**	0.00083 J	0.00081 J	**0.012**	0.001 J
Xylenes (total)	mg/L	10	0.008 U	0.0033 U	0.0033 U	0.004 U	0.004 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-05***	***FD-05***	***FD-05***	***FD-05***	***FD-06***
Sample ID:			***WG-12616-062713-DN-30***	***WG-12616-062713-DN-31***	***WG-12616-032514-DN-46***	***WG-12616-091114-DN-50***	***WG-12616-082911-DN-27***
Sample Date:			***6/27/2013***	***6/27/2013 (Duplicate)***	***3/25/2014***	***9/11/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.0033 U	0.0033 U	0.0033 U	0.004 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.017 U	0.017 U	0.017 U	0.02 U	0.01 U
2-Hexanone	mg/L	-	0.017 U	0.017 U	0.017 U	0.02 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.017 U	0.017 U	0.017 U	0.02 U	0.01 U
Acetone	mg/L	1.2	0.017 U	0.017 U	0.017 U	0.02 U	0.01 U
Benzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Bromodichloromethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Bromoform	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Carbon disulfide	mg/L	0.1	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Carbon tetrachloride	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Chlorobenzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Chloroethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.054	0.053	**0.081**	0.051	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Cyclohexane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Dibromochloromethane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Ethylbenzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Isopropyl benzene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Methyl acetate	mg/L	-	0.017 U	0.017 U	0.017 U	0.02 U	0.01 U
Methyl cyclohexane	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.005 U
Methylene chloride	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Styrene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Tetrachloroethene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Toluene	mg/L	1	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.0038	0.0035	0.005	0.0033	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Trichloroethene	mg/L	0.005	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-05***	***FD-05***	***FD-05***	***FD-05***	***FD-06***
Sample ID:			***WG-12616-062713-DN-30***	***WG-12616-062713-DN-31***	***WG-12616-032514-DN-46***	***WG-12616-091114-DN-50***	***WG-12616-082911-DN-27***
Sample Date:			***6/27/2013***	***6/27/2013 (Duplicate)***	***3/25/2014***	***9/11/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.0017 U	0.0017 U	0.0017 U	0.002 U	0.001 U
Vinyl chloride	mg/L	0.002	**0.009**	**0.0087**	0.00037 J	0.002 U	0.001 U
Xylenes (total)	mg/L	10	0.0033 U	0.0033 U	0.0033 U	0.004 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-06***	***FD-06***	***FD-06***	***FD-06***	***FD-06***
Sample ID:			***WG-12616-120711-DN-30***	***WG-12616-030212-DN-25***	***GW-12616-062112-DN-29***	***WG-12616-040213-DN-33***	***WG-12616-062713-DN-29***
Sample Date:			***12/7/2011***	***3/2/2012***	***6/21/2012***	***4/2/2013***	***6/27/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.00019 J	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-06***	***FD-06***	***FD-06***	***FD-06***	***FD-06***
Sample ID:			***WG-12616-120711-DN-30***	***WG-12616-030212-DN-25***	***GW-12616-062112-DN-29***	***WG-12616-040213-DN-33***	***WG-12616-062713-DN-29***
Sample Date:			***12/7/2011***	***3/2/2012***	***6/21/2012***	***4/2/2013***	***6/27/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-06***	***FD-06***	***FD-07***	***FD-07***	***FD-07***
Sample ID:			***WG-12616-032514-DN-45***	***WG-12616-091014-DN-49***	***WG-12616-082411-DN-08***	***WG-12616-120511-DN-18***	***WG-12616-030112-DN-17***
Sample Date:			***3/25/2014***	***9/10/2014***	***8/24/2011***	***12/5/2011***	***3/1/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.0019 J
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-06***	***FD-06***	***FD-07***	***FD-07***	***FD-07***
Sample ID:			***WG-12616-032514-DN-45***	***WG-12616-091014-DN-49***	***WG-12616-082411-DN-08***	***WG-12616-120511-DN-18***	***WG-12616-030112-DN-17***
Sample Date:			***3/25/2014***	***9/10/2014***	***8/24/2011***	***12/5/2011***	***3/1/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-07***	***FD-07***	***FD-07***	***FD-07***	***FD-07***
Sample ID:			***GW-12616-062012-DN-19***	***WG-12616-032913-DN-19***	***WG-12616-062413-DN-04***	***WG-12616-032014-DN-22***	***WG-12616-090214-DN-02***
Sample Date:			***6/20/2012***	***3/29/2013***	***6/24/2013***	***3/20/2014***	***9/2/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0074 J	0.003 J	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-07***	***FD-07***	***FD-07***	***FD-07***	***FD-07***
Sample ID:			***GW-12616-062012-DN-19***	***WG-12616-032913-DN-19***	***WG-12616-062413-DN-04***	***WG-12616-032014-DN-22***	***WG-12616-090214-DN-02***
Sample Date:			***6/20/2012***	***3/29/2013***	***6/24/2013***	***3/20/2014***	***9/2/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-08***	***FD-08R***	***FD-08R***	***FD-08R***	***FD-08R***
Sample ID:			***WG-12616-032913-DN-20***	***WG-12616-082411-DN-09***	***WG-12616-120511-DN-19***	***WG-12616-030112-DN-18***	***GW-12616-062012-DN-20***
Sample Date:			***3/29/2013***	***8/24/2011***	***12/5/2011***	***3/1/2012***	***6/20/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0014 J	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-08***	***FD-08R***	***FD-08R***	***FD-08R***	***FD-08R***
Sample ID:			***WG-12616-032913-DN-20***	***WG-12616-082411-DN-09***	***WG-12616-120511-DN-19***	***WG-12616-030112-DN-18***	***GW-12616-062012-DN-20***
Sample Date:			***3/29/2013***	***8/24/2011***	***12/5/2011***	***3/1/2012***	***6/20/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-08R***	***FD-08R***	***FD-08R***	***FD-09***	***FD-09***
Sample ID:			***WG-12616-062413-DN-05***	***WG-12616-032014-DN-23***	***WG-12616-090214-DN-03***	***WG-12616-120611-DN-20***	***WG-12616-030112-DN-19***
Sample Date:			***6/24/2013***	***3/20/2014***	***9/2/2014***	***12/6/2011***	***3/1/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-08R***	***FD-08R***	***FD-08R***	***FD-09***	***FD-09***
Sample ID:			***WG-12616-062413-DN-05***	***WG-12616-032014-DN-23***	***WG-12616-090214-DN-03***	***WG-12616-120611-DN-20***	***WG-12616-030112-DN-19***
Sample Date:			***6/24/2013***	***3/20/2014***	***9/2/2014***	***12/6/2011***	***3/1/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-09***	***FD-09***	***FD-09***	***FD-09***	***FD-11***
Sample ID:			***GW-12616-062012-DN-21***	***WG-12616-040113-DN-21***	***WG-12616-062413-DN-06***	***WG-12616-032014-DN-24***	***WG-12616-032014-DN-25***
Sample Date:			***6/20/2012***	***4/1/2013***	***6/24/2013***	***3/20/2014***	***3/20/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-09***	***FD-09***	***FD-09***	***FD-09***	***FD-11***
Sample ID:			***GW-12616-062012-DN-21***	***WG-12616-040113-DN-21***	***WG-12616-062413-DN-06***	***WG-12616-032014-DN-24***	***WG-12616-032014-DN-25***
Sample Date:			***6/20/2012***	***4/1/2013***	***6/24/2013***	***3/20/2014***	***3/20/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-11***	***FD-13***	***FD-14***	***FD-14***	***MW-15R***
Sample ID:			***WG-12616-090314-DN-04***	***WG-12616-032014-DN-27***	***WG-12616-032014-DN-26***	***WG-12616-090314-DN-05***	***WG-12616-082911-DN-30***
Sample Date:			***9/3/2014***	***3/20/2014***	***3/20/2014***	***9/3/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.00046 J
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***FD-11***	***FD-13***	***FD-14***	***FD-14***	***MW-15R***
Sample ID:			***WG-12616-090314-DN-04***	***WG-12616-032014-DN-27***	***WG-12616-032014-DN-26***	***WG-12616-090314-DN-05***	***WG-12616-082911-DN-30***
Sample Date:			***9/3/2014***	***3/20/2014***	***3/20/2014***	***9/3/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-15R***	***MW-15R***	***MW-15R***	***MW-15R***	***MW-15R***
Sample ID:			***WG-12616-082911-DN-31***	***WG-12616-120711-DN-32***	***WG-12616-030212-DN-27***	***GW-12616-062112-DN-30***	***GW-12616-062112-DN-31***
Sample Date:			***8/29/2011 (Duplicate)***	***12/7/2011***	***3/2/2012***	***6/21/2012***	***6/21/2012 (Duplicate)***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.0011	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.00032 J	0.00036 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-15R***	***MW-15R***	***MW-15R***	***MW-15R***	***MW-15R***
Sample ID:			***WG-12616-082911-DN-31***	***WG-12616-120711-DN-32***	***WG-12616-030212-DN-27***	***GW-12616-062112-DN-30***	***GW-12616-062112-DN-31***
Sample Date:			***8/29/2011 (Duplicate)***	***12/7/2011***	***3/2/2012***	***6/21/2012***	***6/21/2012 (Duplicate)***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.00022 J	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-15R***	***MW-15R***	***MW-15R***	***MW-15R***	***MW-16R***
Sample ID:			***WG-12616-040213-DN-35***	***WG-12616-062813-DN-35***	***WG-12616-032514-DN-47***	***WG-12616-091114-DN-51***	***WG-12616-082911-DN-28***
Sample Date:			***4/2/2013***	***6/28/2013***	***3/25/2014***	***9/11/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.00015 J
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.0018
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-15R***	***MW-15R***	***MW-15R***	***MW-15R***	***MW-16R***
Sample ID:			***WG-12616-040213-DN-35***	***WG-12616-062813-DN-35***	***WG-12616-032514-DN-47***	***WG-12616-091114-DN-51***	***WG-12616-082911-DN-28***
Sample Date:			***4/2/2013***	***6/28/2013***	***3/25/2014***	***9/11/2014***	***8/29/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	**0.031**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-16R***	***MW-16R***	***MW-16R***	***MW-16R***	***MW-16R***
Sample ID:			***WG-12616-120711-DN-33***	***WG-12616-030212-DN-28***	***GW-12616-062112-DN-32***	***WG-12616-040213-DN-32***	***WG-12616-062713-DN-32***
Sample Date:			***12/7/2011***	***3/2/2012***	***6/21/2012***	***4/2/2013***	***6/27/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.0013	0.00057 J	0.0024	0.00056 J	0.0017
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-16R***	***MW-16R***	***MW-16R***	***MW-16R***	***MW-16R***
Sample ID:			***WG-12616-120711-DN-33***	***WG-12616-030212-DN-28***	***GW-12616-062112-DN-32***	***WG-12616-040213-DN-32***	***WG-12616-062713-DN-32***
Sample Date:			***12/7/2011***	***3/2/2012***	***6/21/2012***	***4/2/2013***	***6/27/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	**0.0094**	0.0006 J	**0.016**	**0.0021**	**0.011**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-16R***	***MW-16R***	***MW-17***	***MW-18***	***MW-18***
Sample ID:			***WG-12616-032414-DN-44***	***WG-12616-091014-DN-48***	***WG-12616-032514-DN-48***	***GW-12616-062212-DN-40***	***WG-12616-040213-DN-30***
Sample Date:			***3/24/2014***	***9/10/2014***	***3/25/2014***	***6/22/2012***	***4/2/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	R	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.00046 J	0.00083 J	0.001 U	0.0054	0.0011
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.00042 J	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-16R***	***MW-16R***	***MW-17***	***MW-18***	***MW-18***
Sample ID:			***WG-12616-032414-DN-44***	***WG-12616-091014-DN-48***	***WG-12616-032514-DN-48***	***GW-12616-062212-DN-40***	***WG-12616-040213-DN-30***
Sample Date:			***3/24/2014***	***9/10/2014***	***3/25/2014***	***6/22/2012***	***4/2/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	**0.0062**	0.001 U	**0.0047**	0.00052 J
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-18***	***MW-18***	***MW-18***	***MW-18***	***MW-19***
Sample ID:			***WG-12616-040213-DN-31***	***WG-12616-062813-DN-33***	***WG-12616-032414-DN-43***	***WG-12616-091014-DN-47***	***GW-12616-062212-DN-33***
Sample Date:			***4/2/2013 (Duplicate)***	***6/28/2013***	***3/24/2014***	***9/10/2014***	***6/22/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.00033 J	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.0012	0.0018	0.0011	0.0021	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.00026 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-18***	***MW-18***	***MW-18***	***MW-18***	***MW-19***
Sample ID:			***WG-12616-040213-DN-31***	***WG-12616-062813-DN-33***	***WG-12616-032414-DN-43***	***WG-12616-091014-DN-47***	***GW-12616-062212-DN-33***
Sample Date:			***4/2/2013 (Duplicate)***	***6/28/2013***	***3/24/2014***	***9/10/2014***	***6/22/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.00064 J	**0.0033**	0.001 U	**0.0036**	**0.0034**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-19***	***MW-19***	***MW-19***	***MW-19***	***MW-20***
Sample ID:			***WG-12616-040213-DN-29***	***WG-12616-062813-DN-34***	***WG-12616-032414-DN-42***	***WG-12616-091014-DN-46***	***GW-12616-062012-DN-24***
Sample Date:			***4/2/2013***	***6/28/2013***	***3/24/2014***	***9/10/2014***	***6/20/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.00049 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-19***	***MW-19***	***MW-19***	***MW-19***	***MW-20***
Sample ID:			***WG-12616-040213-DN-29***	***WG-12616-062813-DN-34***	***WG-12616-032414-DN-42***	***WG-12616-091014-DN-46***	***GW-12616-062012-DN-24***
Sample Date:			***4/2/2013***	***6/28/2013***	***3/24/2014***	***9/10/2014***	***6/20/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Vinyl chloride	mg/L	0.002	**0.0026**	**0.0063**	0.001 U	0.0004 J	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-20***	***MW-21D***	***MW-21D***	***MW-21D***	***MW-21D***
Sample ID:			***WG-12616-090814-DN-25***	***WG-12616-040313-DN-44***	***WG-12616-062813-DN-40***	***WG-12616-032614-DN-54***	***WG-12616-090814-DN-27***
Sample Date:			***9/8/2014***	***4/3/2013***	***6/28/2013***	***3/26/2014***	***9/8/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.00038 J	0.00053 J	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.0014	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-20***	***MW-21D***	***MW-21D***	***MW-21D***	***MW-21D***
Sample ID:			***WG-12616-090814-DN-25***	***WG-12616-040313-DN-44***	***WG-12616-062813-DN-40***	***WG-12616-032614-DN-54***	***WG-12616-090814-DN-27***
Sample Date:			***9/8/2014***	***4/3/2013***	***6/28/2013***	***3/26/2014***	***9/8/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-21S***	***MW-21S***	***MW-21S***	***MW-21S***	***MW-22D***
Sample ID:			***WG-12616-040313-DN-45***	***WG-12616-062913-DN-41***	***WG-12616-032614-DN-55***	***WG-12616-090814-DN-26***	***WG-12616-040313-DN-42***
Sample Date:			***4/3/2013***	***6/29/2013***	***3/26/2014***	***9/8/2014***	***4/3/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.0017 J
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.01 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	**0.13**
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.05 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.055
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Trichloroethene	mg/L	0.005	0.00079 J	0.001 U	0.001 U	0.001 U	**0.013**
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-21S***	***MW-21S***	***MW-21S***	***MW-21S***	***MW-22D***
Sample ID:			***WG-12616-040313-DN-45***	***WG-12616-062913-DN-41***	***WG-12616-032614-DN-55***	***WG-12616-090814-DN-26***	***WG-12616-040313-DN-42***
Sample Date:			***4/3/2013***	***6/29/2013***	***3/26/2014***	***9/8/2014***	***4/3/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	**0.013**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.01 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-22D***	***MW-22D***	***MW-22D***	***MW-22S***	***MW-22S***
Sample ID:			***WG-12616-062913-DN-43***	***WG-12616-032614-DN-57***	***WG-12616-090814-DN-29***	***WG-12616-040313-DN-43***	***WG-12616-062913-DN-42***
Sample Date:			***6/29/2013***	***3/26/2014***	***9/8/2014***	***4/3/2013***	***6/29/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,1,2-Trichloroethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,1-Dichloroethane	mg/L	-	0.0025 J	0.0027 J	0.0028	0.025 U	0.02 U
1,1-Dichloroethene	mg/L	0.007	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,2,4-Trichlorobenzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.0067 U	0.008 U	0.005 U	0.05 U	0.04 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,2-Dichlorobenzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,2-Dichloroethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,2-Dichloropropane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,3-Dichlorobenzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
1,4-Dichlorobenzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.033 U	0.04 U	0.025 U	0.25 U	0.2 U
2-Hexanone	mg/L	-	0.033 U	0.04 U	0.025 U	0.25 U	0.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.033 U	0.04 U	0.025 U	0.25 U	0.2 U
Acetone	mg/L	1.2	0.033 U	0.04 U	0.025 U	0.25 U	0.2 U
Benzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Bromodichloromethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Bromoform	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Bromomethane (Methyl bromide)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Carbon disulfide	mg/L	0.1	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Carbon tetrachloride	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Chlorobenzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Chloroethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Chloroform (Trichloromethane)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Chloromethane (Methyl chloride)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
cis-1,2-Dichloroethene	mg/L	0.072	**0.11**	**0.1**	**0.096**	**0.78**	**0.62**
cis-1,3-Dichloropropene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Cyclohexane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Dibromochloromethane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Ethylbenzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Isopropyl benzene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Methyl acetate	mg/L	-	0.033 U	0.04 U	0.025 U	0.25 U	0.2 U
Methyl cyclohexane	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Methylene chloride	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.028 U
Styrene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Tetrachloroethene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Toluene	mg/L	1	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
trans-1,2-Dichloroethene	mg/L	0.1	0.048	0.049	0.034	0.073	0.037
trans-1,3-Dichloropropene	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Trichloroethene	mg/L	0.005	**0.011**	**0.0063**	0.003	**0.49**	**0.34**
Trichlorofluoromethane (CFC-11)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-22D***	***MW-22D***	***MW-22D***	***MW-22S***	***MW-22S***
Sample ID:			***WG-12616-062913-DN-43***	***WG-12616-032614-DN-57***	***WG-12616-090814-DN-29***	***WG-12616-040313-DN-43***	***WG-12616-062913-DN-42***
Sample Date:			***6/29/2013***	***3/26/2014***	***9/8/2014***	***4/3/2013***	***6/29/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.0033 U	0.004 U	0.0025 U	0.025 U	0.02 U
Vinyl chloride	mg/L	0.002	**0.012**	**0.012**	**0.028**	**0.029**	**0.027**
Xylenes (total)	mg/L	10	0.0067 U	0.008 U	0.005 U	0.05 U	0.04 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-22S***	***MW-22S***	***MW-23D***	***MW-23D***	***MW-23D***
Sample ID:			***WG-12616-032614-DN-56***	***WG-12616-090814-DN-28***	***WG-12616-040313-DN-40***	***WG-12616-062913-DN-45***	***WG-12616-032614-DN-58***
Sample Date:			***3/26/2014***	***9/8/2014***	***4/3/2013***	***6/29/2013***	***3/26/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,1,2-Trichloroethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,1-Dichloroethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,1-Dichloroethene	mg/L	0.007	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,2,4-Trichlorobenzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.0067 U	0.067 U	0.01 U	0.02 U	0.014 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,2-Dichlorobenzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,2-Dichloroethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,2-Dichloropropane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,3-Dichlorobenzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
1,4-Dichlorobenzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.033 U	0.33 U	0.05 U	0.1 U	0.071 U
2-Hexanone	mg/L	-	0.033 U	0.33 U	0.05 U	0.1 U	0.071 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.0012 J	0.33 U	0.05 U	0.1 U	0.071 U
Acetone	mg/L	1.2	0.033 U	0.33 U	0.05 U	0.1 U	0.071 U
Benzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Bromodichloromethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Bromoform	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Bromomethane (Methyl bromide)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Carbon disulfide	mg/L	0.1	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Carbon tetrachloride	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Chlorobenzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Chloroethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Chloroform (Trichloromethane)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Chloromethane (Methyl chloride)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
cis-1,2-Dichloroethene	mg/L	0.072	**0.087**	**0.83**	**0.17**	**0.16**	**0.086**
cis-1,3-Dichloropropene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Cyclohexane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Dibromochloromethane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Ethylbenzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Isopropyl benzene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Methyl acetate	mg/L	-	0.033 U	0.33 U	0.05 U	0.1 U	0.071 U
Methyl cyclohexane	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Methylene chloride	mg/L	-	0.0033 U	0.033 U	0.005 U	0.016 U	0.0071 U
Styrene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Tetrachloroethene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Toluene	mg/L	1	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
trans-1,2-Dichloroethene	mg/L	0.1	0.017	0.077	0.016	0.017	0.014
trans-1,3-Dichloropropene	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Trichloroethene	mg/L	0.005	**0.061**	0.033 U	0.005 U	0.01 U	0.0071 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-22S***	***MW-22S***	***MW-23D***	***MW-23D***	***MW-23D***
Sample ID:			***WG-12616-032614-DN-56***	***WG-12616-090814-DN-28***	***WG-12616-040313-DN-40***	***WG-12616-062913-DN-45***	***WG-12616-032614-DN-58***
Sample Date:			***3/26/2014***	***9/8/2014***	***4/3/2013***	***6/29/2013***	***3/26/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.0033 U	0.033 U	0.005 U	0.01 U	0.0071 U
Vinyl chloride	mg/L	0.002	**0.095**	**1.2**	**0.19**	**0.23**	**0.24**
Xylenes (total)	mg/L	10	0.0067 U	0.067 U	0.01 U	0.02 U	0.014 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-23D***	***MW-23S***	***MW-23S***	***MW-23S***	***MW-23S***
Sample ID:			***WG-12616-090814-DN-31***	***WG-12616-040313-DN-41***	***WG-12616-062913-DN-44***	***WG-12616-032614-DN-59***	***WG-12616-090814-DN-30***
Sample Date:			***9/8/2014***	***4/3/2013***	***6/29/2013***	***3/26/2014***	***9/8/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.025 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.057	0.0099	0.0066	0.00066 J	0.0041
cis-1,3-Dichloropropene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.017	0.0027	0.0011	0.001 U	0.00065 J
trans-1,3-Dichloropropene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.013 U	0.00051 J	0.0015	0.001 U	0.00022 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-23D***	***MW-23S***	***MW-23S***	***MW-23S***	***MW-23S***
Sample ID:			***WG-12616-090814-DN-31***	***WG-12616-040313-DN-41***	***WG-12616-062913-DN-44***	***WG-12616-032614-DN-59***	***WG-12616-090814-DN-30***
Sample Date:			***9/8/2014***	***4/3/2013***	***6/29/2013***	***3/26/2014***	***9/8/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	**0.42**	**0.015**	**0.01**	0.00054 J	**0.014**
Xylenes (total)	mg/L	10	0.025 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-24S***	***MW-24S***	***MW-25D***	***MW-25D***	***MW-25S***
Sample ID:			***WG-12616-031714-DN-03***	***WG-12616-090914-DN-39***	***WG-12616-031714-DN-02***	***WG-12616-090914-DN-41***	***WG-12616-031714-DN-01***
Sample Date:			***3/17/2014***	***9/9/2014***	***3/17/2014***	***9/9/2014***	***3/17/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.0049	0.01	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.0011	0.0019	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.012	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.00014 J	0.001 U	0.00061 J
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.00022 J	0.001 U	0.001 U	0.00062 J	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.00046 J	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.00017 J
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.00039 J
trans-1,2-Dichloroethene	mg/L	0.1	0.00027 J	0.00031 J	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.0024	0.0045	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-24S***	***MW-24S***	***MW-25D***	***MW-25D***	***MW-25S***
Sample ID:			***WG-12616-031714-DN-03***	***WG-12616-090914-DN-39***	***WG-12616-031714-DN-02***	***WG-12616-090914-DN-41***	***WG-12616-031714-DN-01***
Sample Date:			***3/17/2014***	***9/9/2014***	***3/17/2014***	***9/9/2014***	***3/17/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-25S***	***MW-26D***	***MW-26D***	***MW-26S***	***MW-26S***
Sample ID:			***WG-12616-090914-DN-40***	***WG-12616-031714-DN-04***	***WG-12616-090914-DN-38***	***WG-12616-031714-DN-05***	***WG-12616-090914-DN-37***
Sample Date:			***9/9/2014***	***3/17/2014***	***9/9/2014***	***3/17/2014***	***9/9/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.00024 J	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.00086 J	0.00022 J	0.00034 J
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.005	0.0071	0.0029	0.0029
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.0011	0.0011	0.00069 J	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-25S***	***MW-26D***	***MW-26D***	***MW-26S***	***MW-26S***
Sample ID:			***WG-12616-090914-DN-40***	***WG-12616-031714-DN-04***	***WG-12616-090914-DN-38***	***WG-12616-031714-DN-05***	***WG-12616-090914-DN-37***
Sample Date:			***9/9/2014***	***3/17/2014***	***9/9/2014***	***3/17/2014***	***9/9/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	**0.0096**	**0.024**	**0.0068**	**0.028**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-27D***	***MW-27D***	***MW-27S***	***MW-27S***	***MW-28D***
Sample ID:			***WG-12616-031714-DN-06***	***WG-12616-090914-DN-33***	***WG-12616-031814-DN-07***	***WG-12616-090814-DN-32***	***WG-12616-031814-DN-08***
Sample Date:			***3/17/2014***	***9/9/2014***	***3/18/2014***	***9/8/2014***	***3/18/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.00069 J	0.01 U	0.0057 J
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.042
Benzene	mg/L	-	0.00049 J	0.001 U	0.00019 J	0.001 U	0.0002 J
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.0006 J	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.01
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.00039 J
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.00025 J
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.00019 J	0.001 U	0.00014 J	0.001 U	0.00026 J
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.0024
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	**0.0066**
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-27D***	***MW-27D***	***MW-27S***	***MW-27S***	***MW-28D***
Sample ID:			***WG-12616-031714-DN-06***	***WG-12616-090914-DN-33***	***WG-12616-031814-DN-07***	***WG-12616-090814-DN-32***	***WG-12616-031814-DN-08***
Sample Date:			***3/17/2014***	***9/9/2014***	***3/18/2014***	***9/8/2014***	***3/18/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	**0.0046**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-28D***	***MW-28D***	***MW-28S***	***MW-28S***	***OW-1***
Sample ID:			***WG-12616-090914-DN-35***	***WG-12616-090914-DN-36***	***WG-12616-031814-DN-09***	***WG-12616-090914-DN-34***	***WG-12616-113011-DN-01***
Sample Date:			***9/9/2014***	***9/9/2014 (Duplicate)***	***3/18/2014***	***9/9/2014***	***11/30/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.00041 J	0.00046 J	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.00045 J	0.00079 J	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.0043 J	0.0043 J	0.0047 J	0.0049 J	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.042	0.044	0.037	0.053	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.00068 J	0.00072 J	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.0012	0.0015	0.0014	0.0016	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.014	0.015	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.0015	0.0015	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.00048 J	0.0005 J	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.0011	0.00084 J	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.00036 J	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.00059 J	0.00035 J	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.0013	0.0019	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.0034	0.0036	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.0019	0.002	0.0011	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***MW-28D***	***MW-28D***	***MW-28S***	***MW-28S***	***OW-1***
Sample ID:			***WG-12616-090914-DN-35***	***WG-12616-090914-DN-36***	***WG-12616-031814-DN-09***	***WG-12616-090914-DN-34***	***WG-12616-113011-DN-01***
Sample Date:			***9/9/2014***	***9/9/2014 (Duplicate)***	***3/18/2014***	***9/9/2014***	***11/30/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	**0.012**	**0.013**	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.0034	0.0031	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***OW-1R***	***OW-1R***	***OW-1R***	***OW-1R***	***OW-1R***
Sample ID:			***WG-12616-082411-DN-07***	***WG-12616-022812-DN-01***	***GW-12616-061812-DN-01***	***WG-12616-032713-DN-01***	***WG-12616-062413-DN-01***
Sample Date:			***8/24/2011***	***2/28/2012***	***6/18/2012***	***3/27/2013***	***6/24/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***OW-1R***	***OW-1R***	***OW-1R***	***OW-1R***	***OW-1R***
Sample ID:			***WG-12616-082411-DN-07***	***WG-12616-022812-DN-01***	***GW-12616-061812-DN-01***	***WG-12616-032713-DN-01***	***WG-12616-062413-DN-01***
Sample Date:			***8/24/2011***	***2/28/2012***	***6/18/2012***	***3/27/2013***	***6/24/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***OW-1R***	***OW-1R***	***OW-1R***	***P-01***	***P-01***
Sample ID:			***WG-12616-031814-DN-10***	***WG-12616-031814-DN-11***	***WG-12616-090214-DN-01***	***WG-12616-120611-DN-28***	***WG-12616-030112-DN-20***
Sample Date:			***3/18/2014***	***3/18/2014 (Duplicate)***	***9/2/2014***	***12/6/2011***	***3/1/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***OW-1R***	***OW-1R***	***OW-1R***	***P-01***	***P-01***
Sample ID:			***WG-12616-031814-DN-10***	***WG-12616-031814-DN-11***	***WG-12616-090214-DN-01***	***WG-12616-120611-DN-28***	***WG-12616-030112-DN-20***
Sample Date:			***3/18/2014***	***3/18/2014 (Duplicate)***	***9/2/2014***	***12/6/2011***	***3/1/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	**0.005**	0.00056 J
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-01***	***P-01***	***P-01***	***P-01***	***P-01***
Sample ID:			***GW-12616-062112-DN-27***	***WG-12616-040213-DN-27***	***WG-12616-062713-DN-28***	***WG-12616-032414-DN-41***	***WG-12616-091014-DN-45***
Sample Date:			***6/21/2012***	***4/2/2013***	***6/27/2013***	***3/24/2014***	***9/10/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.00044 J	0.001 U	0.00061 J	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-01***	***P-01***	***P-01***	***P-01***	***P-01***
Sample ID:			***GW-12616-062112-DN-27***	***WG-12616-040213-DN-27***	***WG-12616-062713-DN-28***	***WG-12616-032414-DN-41***	***WG-12616-091014-DN-45***
Sample Date:			***6/21/2012***	***4/2/2013***	***6/27/2013***	***3/24/2014***	***9/10/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	**0.0064**	0.00026 J	**0.0023**	0.001 U	0.0014
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-01T***	***P-01T***	***P-01T***	***P-01T***	***P-01T***
Sample ID:			***WG-12616-120611-DN-29***	***WG-12616-030112-DN-21***	***WG-12616-030112-DN-22***	***GW-12616-062112-DN-28***	***WG-12616-040213-DN-28***
Sample Date:			***12/6/2011***	***3/1/2012***	***3/1/2012 (Duplicate)***	***6/21/2012***	***4/2/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.00031 J	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-01T***	***P-01T***	***P-01T***	***P-01T***	***P-01T***
Sample ID:			***WG-12616-120611-DN-29***	***WG-12616-030112-DN-21***	***WG-12616-030112-DN-22***	***GW-12616-062112-DN-28***	***WG-12616-040213-DN-28***
Sample Date:			***12/6/2011***	***3/1/2012***	***3/1/2012 (Duplicate)***	***6/21/2012***	***4/2/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-01T***	***P-01T***	***P-01T***	***P-02***	***P-02***
Sample ID:			***WG-12616-062713-DN-27***	***WG-12616-032414-DN-40***	***WG-12616-091014-DN-44***	***WG-12616-082411-DN-05***	***WG-12616-120211-DN-14***
Sample Date:			***6/27/2013***	***3/24/2014***	***9/10/2014***	***8/24/2011***	***12/2/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.0002 J	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.00085 J	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-01T***	***P-01T***	***P-01T***	***P-02***	***P-02***
Sample ID:			***WG-12616-062713-DN-27***	***WG-12616-032414-DN-40***	***WG-12616-091014-DN-44***	***WG-12616-082411-DN-05***	***WG-12616-120211-DN-14***
Sample Date:			***6/27/2013***	***3/24/2014***	***9/10/2014***	***8/24/2011***	***12/2/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-02***	***P-02***	***P-02***	***P-02***	***P-02***
Sample ID:			***WG-12616-022912-DN-10***	***GW-12616-061812-DN-08***	***WG-12616-032813-DN-09***	***WG-12616-062513-DN-12***	***WG-12616-031914-DN-19***
Sample Date:			***2/29/2012***	***6/18/2012***	***3/28/2013***	***6/25/2013***	***3/19/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-02***	***P-02***	***P-02***	***P-02***	***P-02***
Sample ID:			***WG-12616-022912-DN-10***	***GW-12616-061812-DN-08***	***WG-12616-032813-DN-09***	***WG-12616-062513-DN-12***	***WG-12616-031914-DN-19***
Sample Date:			***2/29/2012***	***6/18/2012***	***3/28/2013***	***6/25/2013***	***3/19/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-02***	***P-02T***	***P-02T***	***P-02T***	***P-02T***
Sample ID:			***WG-12616-090414-DN-10***	***WG-12616-082411-DN-06***	***WG-12616-120211-DN-15***	***WG-12616-022912-DN-11***	***WG-12616-022912-DN-12***
Sample Date:			***9/4/2014***	***8/24/2011***	***12/2/2011***	***2/29/2012***	***2/29/2012 (Duplicate)***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-02***	***P-02T***	***P-02T***	***P-02T***	***P-02T***
Sample ID:			***WG-12616-090414-DN-10***	***WG-12616-082411-DN-06***	***WG-12616-120211-DN-15***	***WG-12616-022912-DN-11***	***WG-12616-022912-DN-12***
Sample Date:			***9/4/2014***	***8/24/2011***	***12/2/2011***	***2/29/2012***	***2/29/2012 (Duplicate)***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-02T***	***P-02T***	***P-02T***	***P-02T***	***P-02T***
Sample ID:			***GW-12616-061812-DN-09***	***WG-12616-032813-DN-08***	***WG-12616-062513-DN-13***	***WG-12616-031914-DN-18***	***WG-12616-090414-DN-11***
Sample Date:			***6/18/2012***	***3/28/2013***	***6/25/2013***	***3/19/2014***	***9/4/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-02T***	***P-02T***	***P-02T***	***P-02T***	***P-02T***
Sample ID:			***GW-12616-061812-DN-09***	***WG-12616-032813-DN-08***	***WG-12616-062513-DN-13***	***WG-12616-031914-DN-18***	***WG-12616-090414-DN-11***
Sample Date:			***6/18/2012***	***3/28/2013***	***6/25/2013***	***3/19/2014***	***9/4/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03R***	***P-03R***	***P-03R***	***P-03R***	***P-03R***
Sample ID:			***WG-12616-082511-DN-14***	***WG-12616-120111-DN-07***	***WG-12616-030112-DN-15***	***GW-12616-061812-DN-07***	***WG-12616-032813-DN-06***
Sample Date:			***8/25/2011***	***12/1/2011***	***3/1/2012***	***6/18/2012***	***3/28/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0012 J	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03R***	***P-03R***	***P-03R***	***P-03R***	***P-03R***
Sample ID:			***WG-12616-082511-DN-14***	***WG-12616-120111-DN-07***	***WG-12616-030112-DN-15***	***GW-12616-061812-DN-07***	***WG-12616-032813-DN-06***
Sample Date:			***8/25/2011***	***12/1/2011***	***3/1/2012***	***6/18/2012***	***3/28/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03R***	***P-03R***	***P-03R***	***P-03T***	***P-03T***
Sample ID:			***WG-12616-062413-DN-09***	***WG-12616-031914-DN-16***	***WG-12616-090414-DN-14***	***WG-12616-082511-DN-13***	***WG-12616-120111-DN-06***
Sample Date:			***6/24/2013***	***3/19/2014***	***9/4/2014***	***8/25/2011***	***12/1/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.0015 J	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03R***	***P-03R***	***P-03R***	***P-03T***	***P-03T***
Sample ID:			***WG-12616-062413-DN-09***	***WG-12616-031914-DN-16***	***WG-12616-090414-DN-14***	***WG-12616-082511-DN-13***	***WG-12616-120111-DN-06***
Sample Date:			***6/24/2013***	***3/19/2014***	***9/4/2014***	***8/25/2011***	***12/1/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03T***	***P-03T***	***P-03T***	***P-03T***	***P-03T***
Sample ID:			***WG-12616-030112-DN-16***	***GW-12616-061812-DN-06***	***WG-12616-032813-DN-07***	***WG-12616-062513-DN-10***	***WG-12616-062513-DN-11***
Sample Date:			***3/1/2012***	***6/18/2012***	***3/28/2013***	***6/25/2013***	***6/25/2013 (Duplicate)***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.0014 J	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03T***	***P-03T***	***P-03T***	***P-03T***	***P-03T***
Sample ID:			***WG-12616-030112-DN-16***	***GW-12616-061812-DN-06***	***WG-12616-032813-DN-07***	***WG-12616-062513-DN-10***	***WG-12616-062513-DN-11***
Sample Date:			***3/1/2012***	***6/18/2012***	***3/28/2013***	***6/25/2013***	***6/25/2013 (Duplicate)***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03T***	***P-03T***	***P-03T***	***P-05R***	***P-05R***
Sample ID:			***WG-12616-031914-DN-17***	***WG-12616-090414-DN-12***	***WG-12616-090414-DN-13***	***WG-12616-082611-DN-26***	***WG-12616-120611-DN-27***
Sample Date:			***3/19/2014***	***9/4/2014***	***9/4/2014 (Duplicate)***	***8/26/2011***	***12/6/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.036 U	0.04 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.18 U	0.2 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.18 U	0.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.18 U	0.2 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.18 U	0.2 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	**0.45**	**0.36**
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.18 U	0.2 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.091 U	0.1 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.029 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	**0.22**	**0.19**
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	**0.58**	**0.42**
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-03T***	***P-03T***	***P-03T***	***P-05R***	***P-05R***
Sample ID:			***WG-12616-031914-DN-17***	***WG-12616-090414-DN-12***	***WG-12616-090414-DN-13***	***WG-12616-082611-DN-26***	***WG-12616-120611-DN-27***
Sample Date:			***3/19/2014***	***9/4/2014***	***9/4/2014 (Duplicate)***	***8/26/2011***	***12/6/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.018 U	0.02 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	**0.055**	**0.057**
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.036 U	0.04 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-05R***	***P-05R***	***P-05R***	***P-05R***	***P-05R***
Sample ID:			***WG-12616-030212-DN-23***	***GW-12616-062112-DN-25***	***WG-12616-040113-DN-25***	***WG-12616-062713-DN-25***	***WG-12616-032414-DN-38***
Sample Date:			***3/2/2012***	***6/21/2012***	***4/1/2013***	***6/27/2013***	***3/24/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,1,2-Trichloroethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,1-Dichloroethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,1-Dichloroethene	mg/L	0.007	0.003 J	0.02 U	0.0048 J	0.013 U	0.0029 J
1,2,4-Trichlorobenzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.029 U	0.04 U	0.025 U	0.025 U	0.029 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,2-Dichlorobenzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,2-Dichloroethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,2-Dichloropropane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,3-Dichlorobenzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
1,4-Dichlorobenzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.14 U	0.2 U	0.13 U	0.13 U	0.14 U
2-Hexanone	mg/L	-	0.14 U	0.2 U	0.13 U	0.13 U	0.14 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.14 U	0.2 U	0.13 U	0.13 U	0.14 U
Acetone	mg/L	1.2	0.14 U	0.2 U	0.13 U	0.025 J	0.14 U
Benzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Bromodichloromethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Bromoform	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Bromomethane (Methyl bromide)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Carbon disulfide	mg/L	0.1	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Carbon tetrachloride	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Chlorobenzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Chloroethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Chloroform (Trichloromethane)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Chloromethane (Methyl chloride)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
cis-1,2-Dichloroethene	mg/L	0.072	**0.34**	**0.37**	**0.39**	**0.38**	**0.36**
cis-1,3-Dichloropropene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Cyclohexane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Dibromochloromethane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Ethylbenzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Isopropyl benzene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Methyl acetate	mg/L	-	0.14 U	0.2 U	0.13 U	0.13 U	0.14 U
Methyl cyclohexane	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.071 U	0.1 U	0.013 U	0.013 U	0.014 U
Methylene chloride	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Styrene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Tetrachloroethene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Toluene	mg/L	1	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
trans-1,2-Dichloroethene	mg/L	0.1	**0.17**	**0.16**	**0.19**	**0.19**	**0.17**
trans-1,3-Dichloropropene	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Trichloroethene	mg/L	0.005	**0.38**	**0.41**	**0.41 J**	**0.46**	**0.41**
Trichlorofluoromethane (CFC-11)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-05R***	***P-05R***	***P-05R***	***P-05R***	***P-05R***
Sample ID:			***WG-12616-030212-DN-23***	***GW-12616-062112-DN-25***	***WG-12616-040113-DN-25***	***WG-12616-062713-DN-25***	***WG-12616-032414-DN-38***
Sample Date:			***3/2/2012***	***6/21/2012***	***4/1/2013***	***6/27/2013***	***3/24/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.014 U	0.02 U	0.013 U	0.013 U	0.014 U
Vinyl chloride	mg/L	0.002	**0.071**	**0.057**	**0.14**	**0.095**	**0.074**
Xylenes (total)	mg/L	10	0.029 U	0.04 U	0.025 U	0.025 U	0.029 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-05R***	***P-05SR***	***P-05SR***	***P-05SR***	***P-05SR***
Sample ID:			***WG-12616-091014-DN-42***	***WG-12616-082611-DN-25***	***WG-12616-120611-DN-25***	***WG-12616-120611-DN-38***	***WG-12616-030212-DN-24***
Sample Date:			***9/10/2014***	***8/26/2011***	***12/6/2011***	***12/6/2011 (Duplicate)***	***3/2/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.027 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	**0.46**	0.0045	0.01	0.011	0.0079
cis-1,3-Dichloropropene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.13 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.013 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	**0.18**	0.001 U	0.005	0.0052	0.0054
trans-1,3-Dichloropropene	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	**0.5**	0.001 U	**0.018**	**0.02**	**0.022**
Trichlorofluoromethane (CFC-11)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-05R***	***P-05SR***	***P-05SR***	***P-05SR***	***P-05SR***
Sample ID:			***WG-12616-091014-DN-42***	***WG-12616-082611-DN-25***	***WG-12616-120611-DN-25***	***WG-12616-120611-DN-38***	***WG-12616-030212-DN-24***
Sample Date:			***9/10/2014***	***8/26/2011***	***12/6/2011***	***12/6/2011 (Duplicate)***	***3/2/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.013 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	**0.079**	0.00082 J	0.0014	0.0015	0.0013
Xylenes (total)	mg/L	10	0.027 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-05SR***	***P-05SR***	***P-05SR***	***P-05SR***	***P-05SR***
Sample ID:			***GW-12616-062112-DN-26***	***WG-12616-040113-DN-26***	***WG-12616-062713-DN-26***	***WG-12616-032414-DN-39***	***WG-12616-091014-DN-43***
Sample Date:			***6/21/2012***	***4/1/2013***	***6/27/2013***	***3/24/2014***	***9/10/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0012 J	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.0029	0.0029	0.0046	0.0026	0.0037
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.0015	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.00026 J	**0.0079**	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-05SR***	***P-05SR***	***P-05SR***	***P-05SR***	***P-05SR***
Sample ID:			***GW-12616-062112-DN-26***	***WG-12616-040113-DN-26***	***WG-12616-062713-DN-26***	***WG-12616-032414-DN-39***	***WG-12616-091014-DN-43***
Sample Date:			***6/21/2012***	***4/1/2013***	***6/27/2013***	***3/24/2014***	***9/10/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.00045 J	0.001 U	0.0003 J	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08R***	***P-08R***	***P-08R***	***P-08R***	***P-08R***
Sample ID:			***WG-12616-082611-DN-22***	***WG-12616-120611-DN-23***	***WG-12616-030612-DN-35***	***GW-12616-061912-DN-15***	***WG-12616-032913-DN-15***
Sample Date:			***8/26/2011***	***12/6/2011***	***3/6/2012***	***6/19/2012***	***3/29/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.0011 J
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08R***	***P-08R***	***P-08R***	***P-08R***	***P-08R***
Sample ID:			***WG-12616-082611-DN-22***	***WG-12616-120611-DN-23***	***WG-12616-030612-DN-35***	***GW-12616-061912-DN-15***	***WG-12616-032913-DN-15***
Sample Date:			***8/26/2011***	***12/6/2011***	***3/6/2012***	***6/19/2012***	***3/29/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08R***	***P-08R***	***P-08R***	***P-08R***	***P-08T***
Sample ID:			***WG-12616-062613-DN-18***	***WG-12616-032114-DN-30***	***WG-12616-032114-DN-31***	***WG-12616-090514-DN-19***	***WG-12616-082611-DN-19***
Sample Date:			***6/26/2013***	***3/21/2014***	***3/21/2014 (Duplicate)***	***9/5/2014***	***8/26/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08R***	***P-08R***	***P-08R***	***P-08R***	***P-08T***
Sample ID:			***WG-12616-062613-DN-18***	***WG-12616-032114-DN-30***	***WG-12616-032114-DN-31***	***WG-12616-090514-DN-19***	***WG-12616-082611-DN-19***
Sample Date:			***6/26/2013***	***3/21/2014***	***3/21/2014 (Duplicate)***	***9/5/2014***	***8/26/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08T***	***P-08T***	***P-08T***	***P-08T***	***P-08T***
Sample ID:			***WG-12616-082611-DN-23***	***WG-12616-120611-DN-24***	***WG-12616-030612-DN-36***	***WG-12616-030612-DN-37***	***GW-12616-061912-DN-16***
Sample Date:			***8/26/2011 (Duplicate)***	***12/6/2011***	***3/6/2012***	***3/6/2012 (Duplicate)***	***6/19/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08T***	***P-08T***	***P-08T***	***P-08T***	***P-08T***
Sample ID:			***WG-12616-082611-DN-23***	***WG-12616-120611-DN-24***	***WG-12616-030612-DN-36***	***WG-12616-030612-DN-37***	***GW-12616-061912-DN-16***
Sample Date:			***8/26/2011 (Duplicate)***	***12/6/2011***	***3/6/2012***	***3/6/2012 (Duplicate)***	***6/19/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08T***	***P-08T***
Sample ID:			***WG-12616-032913-DN-16***	***WG-12616-062613-DN-19***
Sample Date:			***3/29/2013***	***6/26/2013***
Parameters:	***Units***	MCL		
Volatile Organic Compounds				
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0028 J	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U

TABLE 4.9.1
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08T***	***P-08T***
Sample ID:			***WG-12616-032913-DN-16***	***WG-12616-062613-DN-19***
Sample Date:			***3/29/2013***	***6/26/2013***
Parameters:	***Units***	MCL		
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
R - Rejected.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08T***	***P-08T***	***P-12***	***P-12***	***P-12***
Sample ID:			***WG-12616-032114-DN-32***	***WG-12616-090514-DN-20***	***WG-12616-082511-DN-12***	***WG-12616-120211-DN-10***	***WG-12616-120211-DN-11***
Sample Date:			***3/21/2014***	***9/5/2014***	***8/25/2011***	***12/2/2011***	***12/2/2011 (Duplicate)***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.002 J	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-08T***	***P-08T***	***P-12***	***P-12***	***P-12***
Sample ID:			***WG-12616-032114-DN-32***	***WG-12616-090514-DN-20***	***WG-12616-082511-DN-12***	***WG-12616-120211-DN-10***	***WG-12616-120211-DN-11***
Sample Date:			***3/21/2014***	***9/5/2014***	***8/25/2011***	***12/2/2011***	***12/2/2011 (Duplicate)***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-12***	***P-12***	***P-12***	***P-12***	***P-12***
Sample ID:			***WG-12616-022912-DN-07***	***GW-12616-062012-DN-17***	***WG-12616-032913-DN-17***	***WG-12616-062613-DN-20***	***WG-12616-032114-DN-33***
Sample Date:			***2/29/2012***	***6/20/2012***	***3/29/2013***	***6/26/2013***	***3/21/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-12***	***P-12***	***P-12***	***P-12***	***P-12***
Sample ID:			***WG-12616-022912-DN-07***	***GW-12616-062012-DN-17***	***WG-12616-032913-DN-17***	***WG-12616-062613-DN-20***	***WG-12616-032114-DN-33***
Sample Date:			***2/29/2012***	***6/20/2012***	***3/29/2013***	***6/26/2013***	***3/21/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-12***	***P-12TR***	***P-12TR***	***P-12TR***	***P-12TR***
Sample ID:			***WG-12616-090514-DN-24***	***WG-12616-082511-DN-10***	***WG-12616-082511-DN-11***	***WG-12616-120211-DN-09***	***WG-12616-022912-DN-06***
Sample Date:			***9/5/2014***	***8/25/2011***	***8/25/2011 (Duplicate)***	***12/2/2011***	***2/29/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.0044 J	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.00016 J	0.00016 J	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-12***	***P-12TR***	***P-12TR***	***P-12TR***	***P-12TR***
Sample ID:			***WG-12616-090514-DN-24***	***WG-12616-082511-DN-10***	***WG-12616-082511-DN-11***	***WG-12616-120211-DN-09***	***WG-12616-022912-DN-06***
Sample Date:			***9/5/2014***	***8/25/2011***	***8/25/2011 (Duplicate)***	***12/2/2011***	***2/29/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-12TR***	***P-12TR***	***P-12TR***	***P-12TR***	***P-12TR***
Sample ID:			***GW-12616-062012-DN-18***	***WG-12616-032913-DN-18***	***WG-12616-062613-DN-21***	***WG-12616-032114-DN-34***	***WG-12616-090514-DN-23***
Sample Date:			***6/20/2012***	***3/29/2013***	***6/26/2013***	***3/21/2014***	***9/5/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-12TR***	***P-12TR***	***P-12TR***	***P-12TR***	***P-12TR***
Sample ID:			***GW-12616-062012-DN-18***	***WG-12616-032913-DN-18***	***WG-12616-062613-DN-21***	***WG-12616-032114-DN-34***	***WG-12616-090514-DN-23***
Sample Date:			***6/20/2012***	***3/29/2013***	***6/26/2013***	***3/21/2014***	***9/5/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14***	***P-14***	***P-14***	***P-14***	***P-14***
Sample ID:			***WG-12616-082511-DN-17***	***WG-12616-120211-DN-13***	***WG-12616-022912-DN-08***	***GW-12616-062012-DN-22***	***WG-12616-040113-DN-22***
Sample Date:			***8/25/2011***	***12/2/2011***	***2/29/2012***	***6/20/2012***	***4/1/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0016 J	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.0023	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.0018	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	**0.012**	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14***	***P-14***	***P-14***	***P-14***	***P-14***
Sample ID:			***WG-12616-082511-DN-17***	***WG-12616-120211-DN-13***	***WG-12616-022912-DN-08***	***GW-12616-062012-DN-22***	***WG-12616-040113-DN-22***
Sample Date:			***8/25/2011***	***12/2/2011***	***2/29/2012***	***6/20/2012***	***4/1/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14***	***P-14***	***P-14***	***P-14T***	***P-14T***
Sample ID:			***WG-12616-062613-DN-22***	***WG-12616-032114-DN-35***	***WG-12616-090514-DN-21***	***WG-12616-082611-DN-18***	***WG-12616-120211-DN-12***
Sample Date:			***6/26/2013***	***3/21/2014***	***9/5/2014***	***8/26/2011***	***12/2/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14***	***P-14***	***P-14***	***P-14T***	***P-14T***
Sample ID:			***WG-12616-062613-DN-22***	***WG-12616-032114-DN-35***	***WG-12616-090514-DN-21***	***WG-12616-082611-DN-18***	***WG-12616-120211-DN-12***
Sample Date:			***6/26/2013***	***3/21/2014***	***9/5/2014***	***8/26/2011***	***12/2/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14T***	***P-14T***	***P-14T***	***P-14T***	***P-14T***
Sample ID:			***WG-12616-022912-DN-09***	***GW-12616-062012-DN-23***	***WG-12616-040113-DN-23***	***WG-12616-062613-DN-23***	***WG-12616-032114-DN-36***
Sample Date:			***2/29/2012***	***6/20/2012***	***4/1/2013***	***6/26/2013***	***3/21/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.00092 J	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.00096 J	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	**0.0059**	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14T***	***P-14T***	***P-14T***	***P-14T***	***P-14T***
Sample ID:			***WG-12616-022912-DN-09***	***GW-12616-062012-DN-23***	***WG-12616-040113-DN-23***	***WG-12616-062613-DN-23***	***WG-12616-032114-DN-36***
Sample Date:			***2/29/2012***	***6/20/2012***	***4/1/2013***	***6/26/2013***	***3/21/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14T***	***P-15***	***P-15***	***P-15***	***P-15***
Sample ID:			***WG-12616-090514-DN-22***	***WG-12616-082311-DN-01***	***WG-12616-120111-DN-02***	***WG-12616-022812-DN-02***	***GW-12616-061812-DN-02***
Sample Date:			***9/5/2014***	***8/23/2011***	***12/1/2011***	***2/28/2012***	***6/18/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.0011 J	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.00014 J	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-14T***	***P-15***	***P-15***	***P-15***	***P-15***
Sample ID:			***WG-12616-090514-DN-22***	***WG-12616-082311-DN-01***	***WG-12616-120111-DN-02***	***WG-12616-022812-DN-02***	***GW-12616-061812-DN-02***
Sample Date:			***9/5/2014***	***8/23/2011***	***12/1/2011***	***2/28/2012***	***6/18/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-15***	***P-15***	***P-15***	***P-15***	***P-15T***
Sample ID:			***WG-12616-032713-DN-02***	***WG-12616-062413-DN-02***	***WG-12616-031814-DN-12***	***WG-12616-090314-DN-06***	***WG-12616-082311-DN-02***
Sample Date:			***3/27/2013***	***6/24/2013***	***3/18/2014***	***9/3/2014***	***8/23/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.0029 J	0.01 U	0.01 U	0.01 U	0.0013 J
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.00014 J
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-15***	***P-15***	***P-15***	***P-15***	***P-15T***
Sample ID:			***WG-12616-032713-DN-02***	***WG-12616-062413-DN-02***	***WG-12616-031814-DN-12***	***WG-12616-090314-DN-06***	***WG-12616-082311-DN-02***
Sample Date:			***3/27/2013***	***6/24/2013***	***3/18/2014***	***9/3/2014***	***8/23/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-15T***	***P-15T***	***P-15T***	***P-15T***	***P-15T***
Sample ID:			***WG-12616-120111-DN-03***	***WG-12616-022812-DN-03***	***GW-12616-061812-DN-03***	***WG-12616-032713-DN-03***	***WG-12616-062413-DN-03***
Sample Date:			***12/1/2011***	***2/28/2012***	***6/18/2012***	***3/27/2013***	***6/24/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.0023 J	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-15T***	***P-15T***	***P-15T***	***P-15T***	***P-15T***
Sample ID:			***WG-12616-120111-DN-03***	***WG-12616-022812-DN-03***	***GW-12616-061812-DN-03***	***WG-12616-032713-DN-03***	***WG-12616-062413-DN-03***
Sample Date:			***12/1/2011***	***2/28/2012***	***6/18/2012***	***3/27/2013***	***6/24/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-15T***	***P-15T***	***P-16***	***P-16***	***P-16***
Sample ID:			***WG-12616-031814-DN-13***	***WG-12616-090314-DN-07***	***WG-12616-082511-DN-15***	***WG-12616-120511-DN-16***	***WG-12616-022912-DN-13***
Sample Date:			***3/18/2014***	***9/3/2014***	***8/25/2011***	***12/5/2011***	***2/29/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.0016 J	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-15T***	***P-15T***	***P-16***	***P-16***	***P-16***
Sample ID:			***WG-12616-031814-DN-13***	***WG-12616-090314-DN-07***	***WG-12616-082511-DN-15***	***WG-12616-120511-DN-16***	***WG-12616-022912-DN-13***
Sample Date:			***3/18/2014***	***9/3/2014***	***8/25/2011***	***12/5/2011***	***2/29/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-16***	***P-16***	***P-16***	***P-16***	***P-16***
Sample ID:			***GW-12616-061912-DN-10***	***WG-12616-032813-DN-10***	***WG-12616-032813-DN-11***	***WG-12616-062513-DN-14***	***WG-12616-031914-DN-20***
Sample Date:			***6/19/2012***	***3/28/2013***	***3/28/2013 (Duplicate)***	***6/25/2013***	***3/19/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.0012 J	0.0012 J	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-16***	***P-16***	***P-16***	***P-16***	***P-16***
Sample ID:			***GW-12616-061912-DN-10***	***WG-12616-032813-DN-10***	***WG-12616-032813-DN-11***	***WG-12616-062513-DN-14***	***WG-12616-031914-DN-20***
Sample Date:			***6/19/2012***	***3/28/2013***	***3/28/2013 (Duplicate)***	***6/25/2013***	***3/19/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-16***	***P-16T***	***P-16T***	***P-16T***	***P-16T***
Sample ID:			***WG-12616-090414-DN-15***	***WG-12616-082511-DN-16***	***WG-12616-120511-DN-17***	***WG-12616-030112-DN-14***	***GW-12616-061912-DN-11***
Sample Date:			***9/4/2014***	***8/25/2011***	***12/5/2011***	***3/1/2012***	***6/19/2012***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-16***	***P-16T***	***P-16T***	***P-16T***	***P-16T***
Sample ID:			***WG-12616-090414-DN-15***	***WG-12616-082511-DN-16***	***WG-12616-120511-DN-17***	***WG-12616-030112-DN-14***	***GW-12616-061912-DN-11***
Sample Date:			***9/4/2014***	***8/25/2011***	***12/5/2011***	***3/1/2012***	***6/19/2012***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-16T***	***P-16T***	***P-16T***	***P-16T***	***P-16T***
Sample ID:			***GW-12616-061912-DN-12***	***WG-12616-032813-DN-12***	***WG-12616-062513-DN-15***	***WG-12616-032014-DN-21***	***WG-12616-090414-DN-16***
Sample Date:			***6/19/2012 (Duplicate)***	***3/28/2013***	***6/25/2013***	***3/20/2014***	***9/4/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-16T***	***P-16T***	***P-16T***	***P-16T***	***P-16T***
Sample ID:			***GW-12616-061912-DN-12***	***WG-12616-032813-DN-12***	***WG-12616-062513-DN-15***	***WG-12616-032014-DN-21***	***WG-12616-090414-DN-16***
Sample Date:			***6/19/2012 (Duplicate)***	***3/28/2013***	***6/25/2013***	***3/20/2014***	***9/4/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18***	***P-18***	***P-18***	***P-18***	***P-18***
Sample ID:			***WG-12616-082411-DN-03***	***WG-12616-120111-DN-05***	***WG-12616-022812-DN-05***	***GW-12616-061812-DN-04***	***WG-12616-032713-DN-05***
Sample Date:			***8/24/2011***	***12/1/2011***	***2/28/2012***	***6/18/2012***	***3/27/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.0016 J
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.005 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.00014 J	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18***	***P-18***	***P-18***	***P-18***	***P-18***
Sample ID:			***WG-12616-082411-DN-03***	***WG-12616-120111-DN-05***	***WG-12616-022812-DN-05***	***GW-12616-061812-DN-04***	***WG-12616-032713-DN-05***
Sample Date:			***8/24/2011***	***12/1/2011***	***2/28/2012***	***6/18/2012***	***3/27/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 UJ	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18***	***P-18***	***P-18***	***P-18T***	***P-18T***
Sample ID:			***WG-12616-062413-DN-08***	***WG-12616-031914-DN-15***	***WG-12616-090314-DN-08***	***WG-12616-082411-DN-04***	***WG-12616-120111-DN-04***
Sample Date:			***6/24/2013***	***3/19/2014***	***9/3/2014***	***8/24/2011***	***12/1/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.00015 J	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18***	***P-18***	***P-18***	***P-18T***	***P-18T***
Sample ID:			***WG-12616-062413-DN-08***	***WG-12616-031914-DN-15***	***WG-12616-090314-DN-08***	***WG-12616-082411-DN-04***	***WG-12616-120111-DN-04***
Sample Date:			***6/24/2013***	***3/19/2014***	***9/3/2014***	***8/24/2011***	***12/1/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18T***	***P-18T***	***P-18T***	***P-18T***	***P-18T***
Sample ID:			***WG-12616-022812-DN-04***	***GW-12616-061812-DN-05***	***WG-12616-032713-DN-04***	***WG-12616-062413-DN-07***	***WG-12616-031914-DN-14***
Sample Date:			***2/28/2012***	***6/18/2012***	***3/27/2013***	***6/24/2013***	***3/19/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.00038 J	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18T***	***P-18T***	***P-18T***	***P-18T***	***P-18T***
Sample ID:			***WG-12616-022812-DN-04***	***GW-12616-061812-DN-05***	***WG-12616-032713-DN-04***	***WG-12616-062413-DN-07***	***WG-12616-031914-DN-14***
Sample Date:			***2/28/2012***	***6/18/2012***	***3/27/2013***	***6/24/2013***	***3/19/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 UJ	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18T***	***P-20***	***P-20***	***P-20***	***P-21***
Sample ID:			***WG-12616-090314-DN-09***	***WG-12616-040113-DN-24***	***WG-12616-062613-DN-24***	***WG-12616-032414-DN-37***	***WG-12616-082611-DN-20***
Sample Date:			***9/3/2014***	***4/1/2013***	***6/26/2013***	***3/24/2014***	***8/26/2011***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.00041 J	0.00042 J	0.00025 J	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-18T***	***P-20***	***P-20***	***P-20***	***P-21***
Sample ID:			***WG-12616-090314-DN-09***	***WG-12616-040113-DN-24***	***WG-12616-062613-DN-24***	***WG-12616-032414-DN-37***	***WG-12616-082611-DN-20***
Sample Date:			***9/3/2014***	***4/1/2013***	***6/26/2013***	***3/24/2014***	***8/26/2011***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21***	***P-21***	***P-21***	***P-21***	***P-21***
Sample ID:			***WG-12616-120611-DN-22***	***WG-12616-030612-DN-38***	***GW-12616-061912-DN-13***	***WG-12616-032813-DN-13***	***WG-12616-062513-DN-16***
Sample Date:			***12/6/2011***	***3/6/2012***	***6/19/2012***	***3/28/2013***	***6/25/2013***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.0014 J	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.005 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21***	***P-21***	***P-21***	***P-21***	***P-21***
Sample ID:			***WG-12616-120611-DN-22***	***WG-12616-030612-DN-38***	***GW-12616-061912-DN-13***	***WG-12616-032813-DN-13***	***WG-12616-062513-DN-16***
Sample Date:			***12/6/2011***	***3/6/2012***	***6/19/2012***	***3/28/2013***	***6/25/2013***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21***	***P-21***	***P-21T***	***P-21T***	***P-21T***
Sample ID:			***WG-12616-032014-DN-28***	***WG-12616-090514-DN-18***	***WG-12616-082611-DN-21***	***WG-12616-120611-DN-21***	***WG-12616-120611-DN-26***
Sample Date:			***3/20/2014***	***9/5/2014***	***8/26/2011***	***12/6/2011***	***12/6/2011 (Duplicate)***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U	0.001 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.001 U	0.001 U	0.00027 J	0.00026 J	0.00029 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21***	***P-21***	***P-21T***	***P-21T***	***P-21T***
Sample ID:			***WG-12616-032014-DN-28***	***WG-12616-090514-DN-18***	***WG-12616-082611-DN-21***	***WG-12616-120611-DN-21***	***WG-12616-120611-DN-26***
Sample Date:			***3/20/2014***	***9/5/2014***	***8/26/2011***	***12/6/2011***	***12/6/2011 (Duplicate)***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21T***	***P-21T***	***P-21T***	***P-21T***	***P-21T***
Sample ID:			***WG-12616-030612-DN-39***	***GW-12616-061912-DN-14***	***WG-12616-032913-DN-14***	***WG-12616-062513-DN-17***	***WG-12616-032114-DN-29***
Sample Date:			***3/6/2012***	***6/19/2012***	***3/29/2013***	***6/25/2013***	***3/21/2014***
Parameters:	***Units***	MCL					
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	1.2	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U	0.001 U	0.001 U	0.001 U
Methylene chloride	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.005	0.00027 J	0.001 U	0.00017 J	0.001 U	0.00021 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21T***	***P-21T***	***P-21T***	***P-21T***	***P-21T***
Sample ID:			***WG-12616-030612-DN-39***	***GW-12616-061912-DN-14***	***WG-12616-032913-DN-14***	***WG-12616-062513-DN-17***	***WG-12616-032114-DN-29***
Sample Date:			***3/6/2012***	***6/19/2012***	***3/29/2013***	***6/25/2013***	***3/21/2014***
Parameters:	***Units***	MCL					
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	10	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21T***
Sample ID:			***WG-12616-090414-DN-17***
Sample Date:			***9/4/2014***
Parameters:	***Units***	MCL	
Volatile Organic Compounds			
1,1,1-Trichloroethane	mg/L	-	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U
1,1-Dichloroethene	mg/L	0.007	0.001 U
1,2,4-Trichlorobenzene	mg/L	-	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.002 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U
2-Hexanone	mg/L	-	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U
Acetone	mg/L	1.2	0.01 U
Benzene	mg/L	-	0.001 U
Bromodichloromethane	mg/L	-	0.001 U
Bromoform	mg/L	-	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U
Carbon disulfide	mg/L	0.1	0.001 U
Carbon tetrachloride	mg/L	-	0.001 U
Chlorobenzene	mg/L	-	0.001 U
Chloroethane	mg/L	-	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U
cis-1,2-Dichloroethene	mg/L	0.072	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U
Cyclohexane	mg/L	-	0.001 U
Dibromochloromethane	mg/L	-	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U
Ethylbenzene	mg/L	-	0.001 U
Isopropyl benzene	mg/L	-	0.001 U
Methyl acetate	mg/L	-	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.001 U
Methylene chloride	mg/L	-	0.001 U
Styrene	mg/L	-	0.001 U
Tetrachloroethene	mg/L	-	0.001 U
Toluene	mg/L	1	0.001 U
trans-1,2-Dichloroethene	mg/L	0.1	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U
Trichloroethene	mg/L	0.005	0.0002 J
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U

TABLE 4.9.1 CONT'D
GROUNDWATER SAMPLING SUMMARY
AOI 9 - SITEWIDE GROUNDWATER
RACER TRUST
ELYRIA, OH

Sample Location:			***P-21T***
Sample ID:			***WG-12616-090414-DN-17***
Sample Date:			***9/4/2014***
Parameters:	***Units***	MCL	
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U
Vinyl chloride	mg/L	0.002	0.001 U
Xylenes (total)	mg/L	10	0.002 U

Notes:
J - Estimated concentration.
U - Not detected at the associated reporting limit.
UJ - Not detected; associated reporting limit is estimated.
result exceeds MCL

TABLE 5.2.1

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
SITE WIDE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	VOCs																	
120-82-1	1,2,4-Trichlorobenzene	0.016	J	0.016	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	1/8	0.0044 - 0.016	0.016	--	27	27	C	N/A	N/A		BSC
78-93-3	2-Butanone (MEK)	0.027	J	0.027	J	mg/kg	SB-212; 6-8 ftbgs (08/09/11)	1/8	0.018 - 1.1	0.027	100000	20000	20000	N	N/A	N/A		BSC
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00051	J	0.00064	J	mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/8	0.02 - 1.1	0.00064	16000	5300	5300	N	N/A	N/A		BSC
67-64-1	Acetone	0.022	J	0.031	J	mg/kg	SB-205; 7.5-9.5 ftbgs (08/08/11)	2/8	0.02 - 1.1	0.031	100000	63000	63000	N	N/A	N/A		BSC
75-15-0	Carbon disulfide	0.00097	J	0.05	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	7/8	0.0071	0.05	1400	370	370	N	N/A	N/A		BSC
100-41-4	Ethylbenzene	0.0024	J	0.26	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	2/8	0.0044 - 0.0071	0.26	230	27	27	C	N/A	N/A		BSC
98-82-8	Isopropyl benzene (Cumene)	0.053	J	0.053	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	1/8	0.0044 - 0.016	0.053	--	1100	1100	N	N/A	N/A		BSC
79-20-9	Methyl acetate	0.0049	J	0.072	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	5/8	0.0088 - 0.032	0.072	--	100000	100000	N	N/A	N/A		BSC
108-87-2	Methyl cyclohexane	0.00089	J	0.23	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	3/8	0.01 - 0.014	0.23	--	2900 (7)	2900	N	N/A	N/A		BSC
75-09-2	Methylene chloride	0.00077	J	0.019		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	7/8	0.27	0.019	57	310	57	C	N/A	N/A		BSC
127-18-4	Tetrachloroethene	0.0017	J	0.0017	J	mg/kg	SB-212; 6-8 ftbgs (08/09/11)	1/8	0.0044 - 0.27	0.0017	5.3	41	5.3	C	N/A	N/A		BSC
108-88-3	Toluene	0.00028	J	0.12	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	3/8	0.005 - 0.0071	0.12	520	4500	520	N	N/A	N/A		BSC
79-01-6	Trichloroethene	0.0004	J	0.025	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	4/8	0.005 - 0.0071	0.025	15	2	2	C	N/A	N/A		BSC
1330-20-7	Xylenes (total)	0.0022	J	2	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	2/8	0.0088 - 0.014	2	370	270	270	N	N/A	N/A		BSC
	SVOCs																	
91-57-6	2-Methylnaphthalene	0.0082	J	0.11		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	5/8	0.076 - 0.15	0.11	--	220	220	N	N/A	N/A		BSC
83-32-9	Acenaphthene	0.02		0.29		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	2/8	0.0083 - 0.15	0.29	5600	3300	3300	N	N/A	N/A		BSC
120-12-7	Anthracene	0.028		0.56		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	2/8	0.0083 - 0.15	0.56	28000	17000	17000	N	N/A	N/A		BSC
56-55-3	Benzo(a)anthracene	0.01		0.69		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	5/8	0.076 - 0.15	0.69	7.6	2.1	2.1	C	N/A	N/A		BSC
50-32-8	Benzo(a)pyrene	0.01		0.6		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/8	0.0083 - 0.15	0.6	0.77	0.21	0.21	C	N/A	N/A		NCOPC
205-99-2	Benzo(b)fluoranthene	0.011		0.81		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/8	0.0083 - 0.15	0.81	7.7	2.1	2.1	C	N/A	N/A		BSC
191-24-2	Benzo(g,h,i)perylene	0.0095		0.39		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/8	0.0083 - 0.15	0.39	--	220 (8)	220	N	N/A	N/A		BSC
207-08-9	Benzo(k)fluoranthene	0.0078	J	0.43		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	3/8	0.0083 - 0.15	0.43	77	21	21	C	N/A	N/A		BSC
117-81-7	bis(2-Ethylhexyl)phthalate (DEHP)	0.095		6.3		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	6/8	0.12 - 0.57	6.3	190	120	120	C	N/A	N/A		BSC
86-74-8	Carbazole	0.26		0.26		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	1/8	0.061 - 1.1	0.26	340	--	340	--	N/A	N/A		BSC
218-01-9	Chrysene	0.014		0.63		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	5/8	0.076 - 0.15	0.63	760	210	210	C	N/A	N/A		BSC
132-64-9	Dibenzofuran	0.0062	J	0.26		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/8	0.062 - 1.1	0.26	--	100	100	N	N/A	N/A		BSC
84-74-2	Di-n-butylphthalate (DBP)	0.019	J	0.031	J	mg/kg	SB-208; 4-6 ftbg (08/09/11)	3/8	0.066 - 1.1	0.031	110	6200	110	N	N/A	N/A		BSC
206-44-0	Fluoranthene	0.017		2		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	6/8	0.083 - 0.15	2	3700	2200	2200	N	N/A	N/A		BSC
86-73-7	Fluorene	0.015		0.35		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	2/8	0.0083 - 0.15	0.35	3700	2200	2200	N	N/A	N/A		BSC
193-39-5	Indeno(1,2,3-cd)pyrene	0.0069	J	0.31		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/8	0.0083 - 0.15	0.31	7.7	2.1	2.1	C	N/A	N/A		BSC
91-20-3	Naphthalene	0.0058	J	0.072		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	5/8	0.076 - 0.15	0.072	15	18	15	C	N/A	N/A		BSC
85-01-8	Phenanthrene	0.016		2.3		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	5/8	0.076 - 0.15	2.3	--	220 (8)	220	N	N/A	N/A		BSC
129-00-0	Pyrene	0.015		1.5		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	6/8	0.0083 - 0.15	1.5	2800	1700	1700	N	N/A	N/A		BSC

TABLE 5.2.1

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
SITE WIDE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Dioxins/ Furans																	
--	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	0.000045		0.000045		mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.000045	--	0.18 (9)	0.18	N	N/A	N/A		BSC
--	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	0.000075		0.000075		mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.000075	--	0.18 (9)	0.18	C	N/A	N/A		BSC
--	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	0.000024		0.000024		mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.000024	--	0.0018 (9)	0.0018	N	N/A	N/A		BSC
--	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	0.000011		0.000011		mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.000011	--	0.0018 (9)	0.0018	C	N/A	N/A		BSC
--	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	0.000005		0.000005		mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.000005	--	0.0018 (9)	0.0018	N	N/A	N/A		BSC
--	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	0.0000045	J	0.0000045	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.0000045	--	0.00018 (9)	0.00018	N	N/A	N/A		BSC
--	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.0000014	J	0.0000014	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.0000014	--	0.00018 (9)	0.00018	N	N/A	N/A		BSC
--	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	0.00000049	J	0.00000049	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.00000049	--	0.00018 (9)	0.00018	C	N/A	N/A		BSC
--	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	0.00000037	J	0.00000037	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.00000037	--	0.00018 (9)	0.00018	C	N/A	N/A		BSC
--	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	0.0000011	J	0.0000011	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.0000011	--	0.00018 (9)	0.00018	N	N/A	N/A		BSC
--	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	0.00000099	J	0.00000099	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.00000099	--	0.000036 (9)	0.000036	N	N/A	N/A		BSC
--	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	0.000001	J	0.000001	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.000001	--	0.00018 (9)	0.00018	N	N/A	N/A		BSC
1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	0.00000039	J	0.00000039	J	mg/kg	SB-208; 0-2 ftbgs (08/09/11)	1/1	--	0.00000039	--	0.000018	0.000018	C	N/A	N/A		BSC

Notes:

(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: SB-200, SB-201, SB-202, SB-203, SB-204, SB-205, SB-206, SB-207, SB-208, SB-209, SB-210, SB-211, SB-212, SB-213.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)
(7) No criterion for this analyte, therefore substituted cyclohexane criterion.
(8) No criterion for this analyte, therefore substituted lowest PAH (2-methylnaphthalene) criterion.
(9) No criterion for this analyte, therefore substituted 2,3,7,8-TCDD criterion and applied toxicity equivalent factors (TEF).

Definitions:

C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated

TABLE 5.2.2

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
OPEN BURN AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	(1,2) Minimum Concentration	Minimum Qualifier	(1,2) Maximum Concentration	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	(5) Screening Toxicity Value		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	(6) Rationale for Contaminant Deletion or Selection
	Metals																	
7429-90-5	Aluminum	9500		11000		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	3/3	--	11000	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	0.46	J	0.46	J	mg/kg	SB-211; 4-6 ftbgs (08/09/11)	1/3	1.1 - 1.2	0.46	120	41	41	N	N/A	N/A		BSC
7440-38-2	Arsenic	5.5		17		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	3/3	--	17	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	85		220		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	3/3	--	220	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.42	J	0.51	J	mg/kg	SB-211; 2-4 ftbgs (08/09/11)	3/3	--	0.51	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	0.12	J	0.63		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	2/3	0.22	0.63	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	2600		8400		mg/kg	SB-211; 4-6 ftbgs (08/09/11)	3/3	--	8400	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	20		60		mg/kg	SB-211; 4-6 ftbgs (08/09/11)	3/3	--	60	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.8	J	0.8	J	mg/kg	SB-211; 2-4 ftbgs (08/09/11)	1/3	0.98	0.8	790	5.6	5.6	C	N/A	N/A		BSC
7440-48-4	Cobalt	5.1	J	27	J	mg/kg	SB-211; 2-4 ftbgs (08/09/11)	15/15	--	27	2300	30	30	N	N/A	N/A		BSC
7440-50-8	Copper	9		1100		mg/kg	BH73-13; 0-2.5 ftbgs (07/17/13)	15/15	--	1100	--	4100	4100	N	N/A	N/A		BSC
7439-89-6	Iron	16000		36000		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	3/3	--	36000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	15		17		mg/kg	SB-208; 4-6 ftbgs (08/09/11)	3/3	--	17	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	2300		4100		mg/kg	SB-211; 4-6 ftbgs (08/09/11)	3/3	--	4100	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	140		3400		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	15/15	--	3400	--	2300	2300	N	N/A	N/A	X	ASC
7439-97-6	Mercury	0.021	J	0.037	J	mg/kg	SB-211; 4-6 ftbgs (08/09/11)	3/3	--	0.037	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	14		160		mg/kg	BH86-13; 0-2.5 ftbgs (07/18/13)	15/15	--	160	4400	2000	2000	N	N/A	N/A		BSC
7440-09-7	Potassium	690		1400		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	3/3	--	1400	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	ND		ND		mg/kg	--	0/3	0.54 - 0.58	ND	1500	510	510	N	N/A	N/A		ND
7440-22-4	Silver	ND		ND		mg/kg	--	0/3	0.54 - 0.58	ND	1500	510	510	N	N/A	N/A		ND
7440-23-5	Sodium	96	J	150	J	mg/kg	SB-211; 2-4 ftbgs (08/09/11)	2/3	540	150	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	1.8		2.8		mg/kg	SB-211; 2-4 ftbgs (08/09/11)	2/3	1.1	2.8	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	20		28		mg/kg	SB-211; 4-6 ftbgs (08/09/11)	3/3	--	28	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	54		1900		mg/kg	BH73-13; 0-2.5 ftbgs (07/17/13)	15/15	--	1900	88000	31000	31000	N	N/A	N/A		BSC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH73-13, BH76-13, BH77-13, BH78-13, BH79-13, BH81-13, BH82-13, BH83-13, BH84-13, BH85-13, BH86-13, SB-208, SB-211.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.3

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	9900		15000		mg/kg	SB-210; 4-6 ftbgs (08/09/11)	4/4	--	15000	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	18	J	36	J	mg/kg	SB-210; 0-2 ftbgs (08/09/11)	2/4	1.1 - 1.2	36	120	41	41	N	N/A	N/A		BSC
7440-38-2	Arsenic	3.4		8.6		mg/kg	SB-209; 2-4 ftbgs (08/09/11)	4/4	--	8.6	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	80		130		mg/kg	SB-209; 2-4 ftbgs (08/09/11), SB-201; 4-6 ftbgs (08/09/11)	4/4	--	130	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.51	J	1.6		mg/kg	SB-209; 2-4 ftbgs (08/09/11)	4/4	--	1.6	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	0.36		0.71		mg/kg	SB-209; 2-4 ftbgs (08/09/11)	3/4	0.23 - 0.24	0.71	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	2300		84000		mg/kg	SB-210; 0-2 ftbgs (08/09/11)	4/4	--	84000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	19		9500		mg/kg	SB-210; 0-2 ftbgs (08/09/11)	4/4	--	9500	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.71	J	13		mg/kg	SB-210; 0-2 ftbgs (08/09/11)	3/4	0.95 - 0.99	13	790	5.6	5.6	C	N/A	N/A		NCOPC
7440-48-4	Cobalt	3.9	J	44		mg/kg	BH90-13; 0-2 ftbgs (07/23/13)	27/30	180 - 280	44	2300	30	30	N	N/A	N/A	X	ASC
7440-50-8	Copper	17		17000	J	mg/kg	BH100-13; 0-2.5 ftbgs (07/19/13)	30/30	--	17000	--	4100	4100	N	N/A	N/A	X	ASC
7439-89-6	Iron	8200		26000		mg/kg	SB-210; 4-6 ftbgs (08/09/11)	4/4	--	26000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	9.6		33		mg/kg	SB-210; 0-2 ftbgs (08/09/11)	4/4	--	33	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	2700		4800		mg/kg	SB-210; 4-6 ftbgs (08/09/11)	4/4	--	4800	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	70		19000		mg/kg	BH98-13; 0-2.5 ftbgs (07/19/13)	30/30	--	19000	--	2300	2300	N	N/A	N/A	X	ASC
7439-97-6	Mercury	0.028	J	0.13		mg/kg	SB-210; 4-6 ftbgs (08/09/11)	4/4	--	0.13	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	27		28000	J	mg/kg	BH100-13; 0-2.5 ftbgs (07/19/13)	30/30	--	28000	4400	2000	2000	N	N/A	N/A	X	ASC
7440-09-7	Potassium	340	J	1300		mg/kg	SB-210; 4-6 ftbgs (08/09/11)	4/4	--	1300	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	0.97		0.97		mg/kg	SB-210; 0-2 ftbgs (08/09/11)	1/4	0.56 - 0.6	0.97	1500	510	510	N	N/A	N/A		BSC
7440-22-4	Silver	0.13	J	0.3	J	mg/kg	SB-210; 4-6 ftbgs (08/09/11)	3/4	0.56 - 0.6	0.3	1500	510	510	N	N/A	N/A		BSC
7440-23-5	Sodium	150	J	280	J	mg/kg	SB-210; 0-2 ftbgs (08/09/11)	3/4	560	280	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	0.78	J	1.3		mg/kg	SB-209; 0-2 ftbgs (08/09/11)	3/4	1.2 - 6.1	1.3	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	14		33		mg/kg	SB-210; 0-2 ftbgs (08/09/11)	4/4	--	33	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	57		6600	J	mg/kg	BH100-13; 0-2.5 ftbgs (07/23/13)	30/30	--	6600	88000	31000	31000	N	N/A	N/A		BSC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH87-13, BH88-13, BH89-13, BH90-13, BH92-13, BH93-13, BH94-13, BH95-13, BH96-13, BH97-13, BH98-13, BH100-13, BH101-13, SB-201, SB-202.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.4

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	4900		13000		mg/kg	SB-212; 4-6 ftbgs (08/09/11)	4/4	--	13000	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	0.58	J	26		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	3/4	0.99	26	120	41	41	N	N/A	N/A		BSC
7440-38-2	Arsenic	9.6		15		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	15	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	62		270		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	270	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.37	J	2	J	mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	2	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	ND		ND		mg/kg	--	0/4	0.2 - 2.1	ND	230	80	80	N	N/A	N/A		ND
7440-70-2	Calcium	44000		89000		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	89000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	20		37000		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	37000	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.86	J	18		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	3/4	0.93	18	790	5.6	5.6	C	N/A	N/A		NCOPC
7440-48-4	Cobalt	9		49	J	mg/kg	SB-212; 6-8 ftbgs (08/09/11)	27/29	860 - 1800	49	2300	30	30	N	N/A	N/A	X	ASC
7440-50-8	Copper	12		19000	J	mg/kg	BH10-13; 6-8 ftbgs (07/09/13)	29/29	--	19000	--	4100	4100	N	N/A	N/A	X	ASC
7439-89-6	Iron	9300		29000		mg/kg	SB-212; 4-6 ftbgs (08/09/11)	4/4	--	29000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	9.8		660		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	660	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	5000	J	8800		mg/kg	SB-213; 6-8 ftbgs (08/09/11)	4/4	--	8800	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	150		770		mg/kg	SB-213; 6-8 ftbgs (08/09/11)	29/29	--	770	--	2300	2300	N	N/A	N/A		BSC
7439-97-6	Mercury	0.26		0.79		mg/kg	SB-212; 6-8 ftbgs (08/09/11)	2/4	0.11	0.79	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	20		34000	J	mg/kg	BH10-13; 6-8 ftbgs (07/09/13)	29/29	--	34000	4400	2000	2000	N	N/A	N/A	X	ASC
7440-09-7	Potassium	320	J	1900		mg/kg	SB-213; 6-8 ftbgs (08/09/11)	4/4	--	1900	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	ND		ND		mg/kg	--	0/4	0.5 - 5.4	ND	1500	510	510	N	N/A	N/A		ND
7440-22-4	Silver	1.3	J	1.3	J	mg/kg	SB-212; 6-8 ftbgs (08/09/11)	1/4	0.5 - 0.78	1.3	1500	510	510	N	N/A	N/A		BSC
7440-23-5	Sodium	74	J	210	J	mg/kg	SB-212; 4-6 ftbgs (08/09/11)	3/4	5400	210	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	0.63	J	1.7		mg/kg	SB-213; 6-8 ftbgs (08/09/11)	2/4	1.6 - 11	1.7	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	20		30	J	mg/kg	SB-212; 6-8 ftbgs (08/09/11)	4/4	--	30	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	67		10000	J	mg/kg	BH19-13; 5-6 ftbgs (07/10/13)	29/29	--	10000	88000	31000	31000	N	N/A	N/A		BSC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH01-13, BH02-13, BH03-13, BH04-13, BH07-13, BH08-13, BH09-13, BH10-13, BH12-13, BH13-13, BH14-13, BH17-13, BH18-13, BH19-13, SB-212, SB-213.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.5

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	5800		9900		mg/kg	SB-202; 4-6 ftbgs (08/08/11)	4/4	--	9900	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	0.56	J	2.2	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	2/4	1.1 - 1.2	2.2	120	41	41	N	N/A	N/A		BSC
7440-38-2	Arsenic	4.9		15		mg/kg	SB-203; 4-6 ftbgs (08/08/11)	4/4	--	15	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	67	J	110	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	110	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.16	J	0.45	J	mg/kg	SB-202; 4-6 ftbgs (08/08/11)	4/4	--	0.45	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	0.11	J	1		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	3/4	0.22	1	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	1800	J	16000	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	16000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	13		860	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	860	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.41	J	1.3		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	2/4	0.88 - 1	1.3	790	5.6	5.6	C	N/A	N/A		BSC
7440-48-4	Cobalt	4.5	J	17		mg/kg	SB-203; 6-8 ftbgs (08/08/11)	16/16	--	17	2300	30	30	N	N/A	N/A		BSC
7440-50-8	Copper	35	J	7700	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	16/16	--	7700	--	4100	4100	N	N/A	N/A	X	ASC
7439-89-6	Iron	18000		31000		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	31000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	13		200		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	200	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	2200		3700		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	3700	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	110		11000		mg/kg	BH59-13; 0-2.5 ftbgs (07/16/13)	16/16	--	11000	--	2300	2300	N	N/A	N/A	X	ASC
7439-97-6	Mercury	0.036	J	0.19		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	0.19	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	23		3000		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	16/16	--	3000	4400	2000	2000	N	N/A	N/A	X	ASC
7440-09-7	Potassium	720		960		mg/kg	SB-203; 6-8 ftbgs (08/08/11)	4/4	--	960	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	1.1		1.1		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	1/4	0.54 - 0.62	1.1	1500	510	510	N	N/A	N/A		BSC
7440-22-4	Silver	0.33	J	3.9	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	2/4	0.54 - 0.6	3.9	1500	510	510	N	N/A	N/A		BSC
7440-23-5	Sodium	120	J	1400	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	3/4	540	1400	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	0.59	J	1.5		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	2/4	1.2	1.5	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	15		25		mg/kg	SB-202; 2-4 ftbgs (08/08/11)	4/4	--	25	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	85		19000	J	mg/kg	SB-202; 2-4 ftbgs (08/08/11)	16/16	--	19000	88000	31000	31000	N	N/A	N/A		BSC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH51-13, BH52-13, BH53-13, BH54-13, BH55-13, BH56-13, BH57-13, BH58-13, BH59-13, SB-202, SB-203.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.6

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
NORTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	7300		11000		mg/kg	SB-207; 4-6 ftbgs (08/09/11)	4/4	--	11000	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	ND		ND		mg/kg	--	0/4	1.2	ND	120	41	41	N	N/A	N/A		ND
7440-38-2	Arsenic	7.7		26		mg/kg	SB-206; 8-10 ftbgs (08/09/11)	4/4	--	26	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	36	J	110	J	mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	110	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.34	J	0.71		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	0.71	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	0.62		0.62		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	1/4	0.24	0.62	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	1200	J	18000	J	mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	18000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	10		33		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	33	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.34	J	2.2		mg/kg	SB-206; 4-6 ftbgs (08/09/11)	3/4	0.97	2.2	790	5.6	5.6	C	N/A	N/A		BSC
7440-48-4	Cobalt	7.1		9.7		mg/kg	SB-206; 8-10 ftbgs (08/09/11)	4/4	--	9.7	2300	30	30	N	N/A	N/A		BSC
7440-50-8	Copper	7.9	J	120	J	mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	120	--	4100	4100	N	N/A	N/A		BSC
7439-89-6	Iron	17000		30000		mg/kg	SB-206; 8-10 ftbgs (08/09/11)	4/4	--	30000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	8.9		20		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	20	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	1300		4500		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	4500	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	300		410		mg/kg	SB-207; 4-6 ftbgs (08/09/11)	4/4	--	410	--	2300	2300	N	N/A	N/A		BSC
7439-97-6	Mercury	0.099	J	0.099	J	mg/kg	SB-207; 0-2 ftbgs (08/09/11)	1/4	0.1 - 0.12	0.099	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	7.8		36		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	36	4400	2000	2000	N	N/A	N/A		BSC
7440-09-7	Potassium	490		1500		mg/kg	SB-206; 8-10 ftbgs (08/09/11)	4/4	--	1500	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	ND		ND		mg/kg	--	0/4	0.59 - 0.61	ND	1500	510	510	N	N/A	N/A		ND
7440-22-4	Silver	0.14	J	0.14	J	mg/kg	SB-207; 0-2 ftbgs (08/09/11)	1/4	0.59 - 0.61	0.14	1500	510	510	N	N/A	N/A		BSC
7440-23-5	Sodium	160	J	160	J	mg/kg	SB-207; 0-2 ftbgs (08/09/11)	1/4	590 - 610	160	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	1	J	1.2		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	2/4	1.2	1.2	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	18		21		mg/kg	SB-207; 4-6 ftbgs (08/09/11)	4/4	--	21	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	34		730		mg/kg	SB-207; 0-2 ftbgs (08/09/11)	4/4	--	730	88000	31000	31000	N	N/A	N/A		BSC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: SB-206, SB-207.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.7

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	4500		29000		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	29000	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	ND		ND		mg/kg	--	0/2	1.1	ND	120	41	41	N	N/A	N/A		ND
7440-38-2	Arsenic	1.4		11		mg/kg	SB-200; 5-7 ftbgs (08/08/11)	2/2	--	11	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	28	J	250	J	mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	250	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.15	J	5.7		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	5.7	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	0.3		0.3		mg/kg	SB-200; 5-7 ftbgs (08/08/11)	1/2	0.22	0.3	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	1600	J	250000	J	mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	250000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	7.3		8		mg/kg	SB-200; 5-7 ftbgs (08/08/11)	2/2	--	8	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.92	J	0.92	J	mg/kg	SB-200; 5-7 ftbgs (08/08/11)	1/2	1	0.92	790	5.6	5.6	C	N/A	N/A		BSC
7440-48-4	Cobalt	0.99	J	17	J	mg/kg	BH25-13; 5-7.5 ftbgs (07/11/13), BH26-17; 2.5-5 ftbgs (07/11/13), BH31-13; 2.5-5 ftbgs (07/12/13)	14/15	760	17	2300	30	30	N	N/A	N/A		BSC
7440-50-8	Copper	1.7	J	28000		mg/kg	BH27-13; 2.5-5 ftbgs (07/11/13)	15/15	--	28000	--	4100	4100	N	N/A	N/A	X	ASC
7439-89-6	Iron	4000		15000		mg/kg	SB-200; 5-7 ftbgs (08/08/11)	2/2	--	15000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	1.3		7.3		mg/kg	SB-200; 5-7 ftbgs (08/08/11)	2/2	--	7.3	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	1200		34000		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	34000	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	100		2500		mg/kg	BH26-13; 2.5-5 ftbgs (07/11/13)	15/15	--	2500	--	2300	2300	N	N/A	N/A	X	ASC
7439-97-6	Mercury	0.019	J	0.019	J	mg/kg	SB-200; 5-7 ftbgs (08/08/11)	1/2	0.084	0.019	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	0.78	J	5600		mg/kg	BH31-13; 2.5-5 ftbgs (07/12/13)	15/15	--	5600	4400	2000	2000	N	N/A	N/A	X	ASC
7440-09-7	Potassium	510	J	870		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	870	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	2.5		2.5		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	1/2	0.57	2.5	1500	510	510	N	N/A	N/A		BSC
7440-22-4	Silver	0.18	J	0.18	J	mg/kg	SB-200; 5-7 ftbgs (08/08/11)	1/2	0.56	0.18	1500	510	510	N	N/A	N/A		BSC
7440-23-5	Sodium	120	J	1100		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	2/2	--	1100	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	2.6		2.6		mg/kg	SB-200; 1-3 ftbgs (08/08/11)	1/2	1.1	2.6	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	5	J	15		mg/kg	SB-200; 5-7 ftbgs (08/08/11)	2/2	--	15	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	3.4		30000		mg/kg	BH32-13; 2.5-5 ftbgs (07/12/13)	15/15	--	30000	88000	31000	31000	N	N/A	N/A		BSC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH22-13, BH23-13, BH25-13, BH26-13, BH27-41, BH28-13, BH30-13, BH31-13, BH32-13, BH33-13, SB-200.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.8

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	8200		9500		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	9500	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	2.1	J	2.1		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	1/2	1.2	2.1	120	41	41	N	N/A	N/A		BSC
7440-38-2	Arsenic	8.3		11		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	11	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	63	J	420	J	mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	420	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.18	J	0.29		mg/kg	SB-201; 5-7 ftbgs (08/08/11)	2/2	--	0.29	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	2.9		2.9		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	1/2	0.24	2.9	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	3800	J	16000	J	mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	16000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	31		1200		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	1200	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	1.5		1.7	J	mg/kg	SB-201; 5-7 ftbgs (08/08/11)	2/2	--	1.7	790	5.6	5.6	C	N/A	N/A		BSC
7440-48-4	Cobalt	5.5	J	37		mg/kg	BH49-13; 0-2.5 ftbgs (07/15/13)	33/34	1200	37	2300	30	30	N	N/A	N/A	X	ASC
7440-50-8	Copper	17		52000	J	mg/kg	BH43-13; 0-2.5 ftbgs (07/15/13)	34/34	--	52000	--	4100	4100	N	N/A	N/A	X	ASC
7439-89-6	Iron	19000		59000		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	59000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	12		530		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	530	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	2700		4700		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	4700	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	130		2100		mg/kg	BH36-13; 0-2 ftbgs (07/23/13)	34/34	--	2100	--	2300	2300	N	N/A	N/A		BSC
7439-97-6	Mercury	0.03	J	0.14	J	mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	0.14	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	24		25000	J	mg/kg	BH43-13; 0-2.5 ftbgs (07/15/13)	34/34	--	25000	4400	2000	2000	N	N/A	N/A	X	ASC
7440-09-7	Potassium	760		1000		mg/kg	SB-201; 5-7 ftbgs (08/08/11)	2/2	--	1000	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	ND		ND		mg/kg	--	0/2	0.59 - 0.6	ND	1500	510	510	N	N/A	N/A		ND
7440-22-4	Silver	1.2		1.2	J	mg/kg	SB-201; 3-5 ftbgs (08/08/11)	1/2	0.6	1.2	1500	510	510	N	N/A	N/A		BSC
7440-23-5	Sodium	2400		2400		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	1/2	600	2400	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	0.74	J	0.79		mg/kg	SB-201; 3-5 ftbgs (08/08/11)	2/2	--	0.79	23	1	1	N	N/A	N/A		BSC
7440-62-2	Vanadium	19		22		mg/kg	SB-201; 5-7 ftbgs (08/08/11)	2/2	--	22	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	50		76000		mg/kg	BH50-13; 2.5-5 ftbgs (07/15/13)	34/34	--	76000	88000	31000	31000	N	N/A	N/A	X	ASC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH34-13, BH35-13, BH36-13, BH37-13, BH38-13, BH39-41, BH40-13, BH41-13, BH42-13, BH43-13, BH44-13, BH45-13, BH46-13, BH47-13, BH48-13, BH49-13, BH50-13, SB-201.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.2.9

OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN (COPCs) IN SOIL
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

CAS Number	Chemical	Minimum Concentration (1,2)	Minimum Qualifier	Maximum Concentration (1,2)	Maximum Qualifier	Units	Location of Maximum Concentration	Detection Frequency (2)	Range of Detection Limits (2)	Concentration Used for Screening (2)	Ohio VAP (3)	RSL (4)	Screening Toxicity Value (5)		Potential ARAR/TBC Value	Potential ARAR/TBC Source	COPC Flag	Rationale for Contaminant Deletion or Selection (6)
	Metals																	
7429-90-5	Aluminum	10000		24000		mg/kg	SB-205; 2-3 ftbgs (08/08/11)	4/4	--	24000	--	99000	99000	N	N/A	N/A		BSC
7440-36-0	Antimony	ND		ND		mg/kg	--	0/4	1.1 - 1.2	ND	120	41	41	N	N/A	N/A		ND
7440-38-2	Arsenic	1.2		13		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	4/4	--	13	8.2	2.4	2.4	C	N/A	N/A		NCOPC
7440-39-3	Barium	100	J	290	J	mg/kg	SB-205; 2-3 ftbgs (08/08/11)	4/4	--	290	37000	19000	19000	N	N/A	N/A		BSC
7440-41-7	Beryllium	0.4	J	8.4		mg/kg	SB-205; 2-3 ftbgs (08/08/11)	4/4	--	8.4	510	200	200	C	N/A	N/A		BSC
7440-43-9	Cadmium	0.12	J	0.12	J	mg/kg	SB-204; 8-10 ftbgs (08/08/11)	1/4	0.22 - 0.23	0.12	230	80	80	N	N/A	N/A		BSC
7440-70-2	Calcium	2700	J	260000	J	mg/kg	SB-205; 2-3 ftbgs (08/08/11)	4/4	--	260000	--	--	--	N	N/A	N/A		NUT
16065-83-1	Chromium	17		27		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	3/4	3.4	27	100000	150000	100000	C	N/A	N/A		BSC
18540-29-9	Chromium VI	0.97		0.97		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	1/4	0.9 - 1	0.97	790	5.6	5.6	C	N/A	N/A		BSC
7440-48-4	Cobalt	0.54	J	13		mg/kg	SB-204; 8-10 ftbgs (08/08/11), BH69-13; 2.5-5 ftbgs (07/17/13)	25/27	670 - 1100	13	2300	30	30	N	N/A	N/A		BSC
7440-50-8	Copper	1.5		69000		mg/kg	BH66-13; 5-7.5 ftbgs (07/17/13)	27/27	--	69000	--	4100	4100	N	N/A	N/A	X	ASC
7439-89-6	Iron	3300		31000		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	4/4	--	31000	--	72000	72000	N	N/A	N/A		BSC
7439-92-1	Lead	0.85		19		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	4/4	--	19	1800	800	800	C	N/A	N/A		BSC
7439-95-4	Magnesium	2200		36000		mg/kg	SB-205; 2-3 ftbgs (08/08/11)	4/4	--	36000	--	--	--	N	N/A	N/A		NUT
7439-96-5	Manganese	160		3200		mg/kg	BH64-13; 5-7.5 ftbgs (07/17/13)	27/27	--	3200	--	2300	2300	N	N/A	N/A	X	ASC
7439-97-6	Mercury	0.015	J	0.036	J	mg/kg	SB-204; 6-8 ftbgs (08/08/11)	2/4	0.081 - 0.11	0.036	29	4.3	4.3	N	N/A	N/A		BSC
7440-02-0	Nickel	0.75	J	11000	J	mg/kg	BH65-13; 5-7.5 ftbgs (07/17/13), BH67-13; 2.5-5 ftbgs (07/17/13)	27/27	--	11000	4400	2000	2000	N	N/A	N/A	X	ASC
7440-09-7	Potassium	640		1200		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	4/4	--	1200	--	--	--	N	N/A	N/A		NUT
7782-49-2	Selenium	2.7		4.2		mg/kg	SB-205; 2-3 ftbgs (08/08/11)	2/4	0.56 - 0.58	4.2	1500	510	510	N	N/A	N/A		BSC
7440-22-4	Silver	ND		ND		mg/kg	--	0/4	0.55 - 0.58	ND	1500	510	510	N	N/A	N/A		ND
7440-23-5	Sodium	760		880		mg/kg	SB-205; 2-3 ftbgs (08/08/11)	2/4	560 - 580	880	--	--	--	N	N/A	N/A		NUT
7440-28-0	Thallium	0.73	J	2.6		mg/kg	SB-205; 2-3 ftbgs (08/08/11)	4/4	--	2.6	23	1	1	N	N/A	N/A		NCOPC
7440-62-2	Vanadium	4	J	22		mg/kg	SB-204; 8-10 ftbgs (08/08/11)	4/4	--	22	2600	510	510	N	N/A	N/A		BSC
7440-66-6	Zinc	2.5		33000		mg/kg	BH69-13; 2.5-5 ftbgs (07/17/13)	26/27	5.7	33000	88000	31000	31000	N	N/A	N/A	X	ASC

Notes:
(1) Minimum/maximum detected concentration.
(2) Based on data collected from sampling locations: BH61-13, BH62-13, BH63-13, BH64-13, BH65-13, BH66-13, BH67-13, BH68-13, BH69-13, BH70-13, BH71-13, BH72-13, SB-204, SB-205.
(3) Table II: Generic Direct Contact Soil Standards for Carcinogenic and Non-Carcinogenic Chemicals of Concern, Commercial and Industrial Land Use Categories, OAC 3745-300-08 (C)(3), Ohio Voluntary Action Program, March 1, 2009.
Note: Carcinogenic analytes were adjusted by a factor of 10, risk = 1 x10^{-6}. Non-carcinogenic analytes were adjusted by a factor of 10, HI = 0.1.
(4) Regional Screening Level (RSL) Summary Table (TR = 1E-6, HQ = 0.1), Industrial Soil, November 2013.
(5) The screening criterion is the lowest of Ohio VAP or RSL.
(6) Rationale Codes
Selection Reason : Maximum detected above Screening Criterion (ASC)
Deletion Reason : Maximum detected below Screening Criterion (BSC)
Analyte Not Detected (ND) and therefore not present
Essential Nutrient (NUT)
As identified in OEPA Letter (dated December 18, 2013); analyte Not a Chemical of Potential Concern (NCOPC)

Definitions:
C = Carcinogenic
N = Non-Carcinogenic
ARAR/TBC = Applicable or Relevant and Appropriate Requirement/To Be Considered
-- = Not Available
N/A = Not Applicable
J = Associated value is estimated
ND = Not detected.

TABLE 5.3.1

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
OPEN BURN AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Manganese	mg/kg	9.75E+02	1.37E+03	3.40E+03		mg/kg	1.37E+03	95% UCL-N	W-Test (4)	1.37E+03	95% UCL-N	W-Test (4)

Notes:

For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.2

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Cobalt	mg/kg	8.97E+00	(2)	4.40E+01		mg/kg	1.53E+01	95% UCL-NP	W-Test (4)	1.53E+01	95% UCL-NP	W-Test (4)
Copper	mg/kg	2.40E+03	(1)	1.70E+04	J	mg/kg	4.23E+03	95% UCL-G	W-Test (4)	4.23E+03	95% UCL-G	W-Test (4)
Manganese	mg/kg	1.13E+03	(1)	1.90E+04		mg/kg	3.83E+03	95% UCL-NP	W-Test (4)	3.83E+03	95% UCL-NP	W-Test (4)
Nickel	mg/kg	4.74E+03	(3)	2.80E+04	J	mg/kg	8.40E+03	95% UCL-G	W-Test (4)	8.40E+03	95% UCL-G	W-Test (4)

Notes:

J = Associated value is estimated
For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.3

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Cobalt	mg/kg	1.87E+01	(2)	4.90E+01	J	mg/kg	2.88E+01	95% UCL-NP	W-Test (4)	2.88E+01	95% UCL-NP	W-Test (4)
Copper	mg/kg	2.99E+03	(2)	1.90E+04	J	mg/kg	9.16E+03	95% UCL-NP	W-Test (4)	9.16E+03	95% UCL-NP	W-Test (4)
Nickel	mg/kg	5.44E+03	(2)	3.40E+04	J	mg/kg	1.65E+04	95% UCL-NP	W-Test (4)	1.65E+04	95% UCL-NP	W-Test (4)

Notes:

J = Associated value is estimated
For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.4

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Copper	mg/kg	2.23E+03	(3)	7.70E+03	J	mg/kg	5.05E+03	95% UCL-G	W-Test (4)	5.05E+03	95% UCL-G	W-Test (4)
Manganese	mg/kg	1.31E+03	(2)	1.10E+04		mg/kg	4.15E+03	95% UCL-NP	W-Test (4)	4.15E+03	95% UCL-NP	W-Test (4)
Nickel	mg/kg	6.95E+02	(3)	3.00E+03		mg/kg	1.48E+03	95% UCL-G	W-Test (4)	1.48E+03	95% UCL-G	W-Test (4)

Notes:

J = Associated value is estimated
For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.5

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Copper	mg/kg	1.11E+04	(3)	2.80E+04		mg/kg	3.58E+04	95% UCL-G	W-Test (4)	3.58E+04	95% UCL-G	W-Test (4)
Manganese	mg/kg	8.63E+02	(3)	2.50E+03		mg/kg	1.40E+03	95% UCL-G	W-Test (4)	1.40E+03	95% UCL-G	W-Test (4)
Nickel	mg/kg	1.83E+03	(3)	5.60E+03		mg/kg	5.16E+03	95% UCL-G	W-Test (4)	5.16E+03	95% UCL-G	W-Test (4)

Notes:

For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.6

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Cobalt	mg/kg	1.27E+01	(2)	3.70E+01		mg/kg	1.84E+01	95% UCL-NP	W-Test (4)	1.84E+01	95% UCL-NP	W-Test (4)
Copper	mg/kg	1.02E+04	(3)	5.20E+04	J	mg/kg	1.83E+04	95% UCL-G	W-Test (4)	1.83E+04	95% UCL-G	W-Test (4)
Nickel	mg/kg	2.90E+03	(3)	2.50E+04	J	mg/kg	4.94E+03	95% UCL-G	W-Test (4)	4.94E+03	95% UCL-G	W-Test (4)
Zinc	mg/kg	1.68E+04	(1)	7.60E+04		mg/kg	4.02E+04	95% UCL-NP	W-Test (4)	4.02E+04	95% UCL-NP	W-Test (4)

Notes:

J = Associated value is estimated
For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.7

EXPOSURE POINT CONCENTRATION (EPC) SUMMARY FOR CHEMICALS OF POTENTIAL CONCERN IN SOIL
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil

Chemical of Potential Concern	*Units*	*Arithmetic Mean*	*95% UCL of Normal Data*	*Maximum Detected Concentration*	*Maximum Qualifier*	*EPC Units*	*Reasonable Maximum Exposure*			*Central Tendency*		
							Medium EPC Value	*Medium EPC Statistic*	*Medium EPC Rationale*	*Medium EPC Value*	*Medium EPC Statistic*	*Medium EPC Rationale*
Metals												
Copper	mg/kg	4.32E+03	(2)	6.90E+04		mg/kg	2.07E+04	95% UCL-NP	W-Test (4)	2.07E+04	95% UCL-NP	W-Test (4)
Manganese	mg/kg	8.88E+02	(3)	3.20E+03		mg/kg	1.17E+03	95% UCL-G	W-Test (4)	1.17E+03	95% UCL-G	W-Test (4)
Nickel	mg/kg	1.57E+03	(2)	1.10E+04	J	mg/kg	5.38E+03	95% UCL-NP	W-Test (4)	5.38E+03	95% UCL-NP	W-Test (4)
Zinc	mg/kg	3.44E+03	(2)	3.30E+04		mg/kg	1.83E+04	95% UCL-NP	W-Test (4)	1.83E+04	95% UCL-NP	W-Test (4)

Notes:

J = Associated value is estimated
For data sets with non-detects, the Kaplan-Meier method was used (per USEPA 2006).
W-Test : Developed by Shapiro and Wilk for data sets with under 50 samples.
Refer to USEPA Supplemental Guidance to RAGS: Calculating the Concentration Term (RAGS, 1992), OSWER Directive 9285.7-081, May 1992.
Statistics: Maximum Detected Value (Max); 95% UCL of Normal Data (95% UCL-N); 95% UCL of Log-transformed Data (95% UCL-L);
95% UCL of Gamma distributed data (95% UCL-G); Non-parametric method used to Determine 95% UCL (95% UCL-NP).
(1) Data set is neither normally, gamma or lognormally distributed. A non-parametric UCL is required.
(2) Data set is lognormally distributed.
(3) Data set is gamma distributed.
(4) Shapiro-Wilk W Test was used for data sets where n<=50.

TABLE 5.3.8

VALUES USED FOR DAILY INTAKE CALCULATIONS FOR SOIL - TRESPASSER
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Medium: Soil
Exposure Medium: Soil/ Ambient Air
Exposure Point: Ingestion, Dermal, and Inhalation
Receptor Population: Trespasser
Receptor Age: Adolescent

Exposure Route	*Parameter Code*	*Parameter Definition*	*Units*	*RME Value*	*RME Rationale/ Reference*	*CT Value*	*CT Rationale/ Reference*	*Intake Equation/ Model Name*
Ingestion	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	Chronic Daily Intake (CDI) (mg/kg-day) =
	IR	Ingestion Rate of Soil	mg soil/day	100	USEPA, 2002	100	USEPA, 2002	CS x IR x CF x ABS x EF x ED x 1/BW x 1/AT
	CF	Conversion Factor	kg/mg	1.00E-06	--	1.00E-06	--	
	EF	Exposure Frequency	days/year	50	USEPA, 2011 (2)	25	USEPA, 2011 (2)	
	ED	Exposure Duration	years	10	USEPA, 2000 (3)	10	USEPA, 2000 (3)	
	BW	Body Weight	kg	56.8	USEPA, 2011 (4)	56.8	USEPA, 2011 (4)	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	3,650	USEPA, 1989	3,650	USEPA, 1989	
	ABS	Absorption Factor	%/100	chemical specific	USEPA, 2012 (5)	chemical specific	USEPA, 2012 (5)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	CDI (mg/kg-day) =
	SA	Skin Surface Area Available for Contact	cm^2/event	3,900	USEPA, 2011 (6)	3,900	USEPA, 2011 (6)	CS x CF x SA x AF x ABS x EF x ED x 1/BW x 1/AT
	CF	Conversion Factor	kg/mg	1.00E-06	--	1.00E-06	--	
	EF	Exposure Frequency	days/year	50	USEPA, 2011 (2)	25	USEPA, 2011 (2)	
	ED	Exposure Duration	years	10	USEPA, 2000 (3)	10	USEPA, 2000 (3)	
	BW	Body Weight	kg	56.8	USEPA, 2011 (4)	56.8	USEPA, 2011 (4)	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	3,650	USEPA, 1989	3,650	USEPA, 1989	
	AF	Soil to Skin Adherence Factor	mg/cm^2	0.2	USEPA, 2004	0.04	USEPA, 2004	
	ABS	Absorption Factor	%/100	chemical specific	OEPA, 2013 (7)	chemical specific	OEPA, 2013 (7)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	Exposure Concentration (EC) (mg/m^3) =
	FT	Fraction Time Exposed	unitless	3.4/24	USEPA, 2011 (8)	1.7/24	USEPA, 2011 (8)	CS x FT x EF x ED x 1/PEF x 1/AT
	EF	Exposure Frequency	days/year	50	USEPA, 2011 (2)	25	USEPA, 2011 (2)	
	ED	Exposure Duration	years	10	USEPA, 2000 (3)	10	USEPA, 2000 (3)	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	3,650	USEPA, 1989	3,650	USEPA, 1989	
	PEF	Particulate Emission Factor	m^3/kg	9.24E+08	OEPA, 2008	9.24E+08	OEPA, 2008	

Notes:

(1) For soil concentrations within each area of concern, refer to Table 3.1 through to Table 3.7.
(2) The basis for the EF is the 50th percentile from Table 16-1, Recommended Values for Activity Factors - Time Outdoors (total).
The time spent outdoors for 11-16 years old of 100 min/day from out of a possible 365 days equates to 25 days (CT) [(100 min/d /1440 total min/d)*365]. The RME is double the CT value for 50 days.
(3) Trespasser is a 7 through 16 year old therefore the exposure duration is 10 years, based on USEPA Region 4 (2000).
(4) The basis for BW is the mean value for 11-16 years old from Table 5-1, Recommended Values for Body Weights.
(5) Current default assumption of 100% with the exception of arsenic at 60%.
(6) The basis for SA is the 50th percentile value from Table 7-1, Recommended Values for Total Body Surface Area, Males and Females combined.

The total body surface area was multiplied by 0.25 (25 percent) to account for exposed skin.

(7) As identified in OEPA Letter (dated December 18, 2013); absorption factor of 0.001 should be used.

(8) The basis for the FT is the 50th percentile from Table 16-1, Recommended Values for Activity Factors - Time Outdoors (total).
The time spent outdoors for 11-16 years old of 100 min/day equates to 1.7 hrs (CT) [100/60]. The RME is double the CT value for 3.4 hrs.

References:

OEPA, 2008: Support Document for the Development of Generic Numerical Standards and Risk Assessment Procedures, Voluntary Action Program, August 2008.

OEPA, 2013: Ohio EPA Letter Re: Constituents of Concern (COCs), Fromer General Motors Fisher Guide Landfill (RACER), U.S. EPA RCRA ID# OHD 004 201 091, December 18, 2013.

USEPA, 1989: Risk Assessment Guidance for Superfund (RAGS): Volume 1 – Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002, December 1989.

USEPA, 2000: Region 4 Human Health Risk Assessment Bulletins – Supplement to RAGS, Section 4: Exposure Assessment, May.

USEPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December 2002.

USEPA, 2004: Risk Assessment Guidance for Superfund (RAGS):Volume 1 - Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), EPA/540/R/99/005, July 2004.

USEPA, 2011: Exposure Factors Handbook 2011 Edition (Final). U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-09/052F, September 2011.

USEPA, 2012: Recommendations for Default Value for Relative Bioavailability of Arsenic in Soil, OSWER 9200.1-113, December 2012.

TABLE 5.3.9

VALUES USED FOR DAILY INTAKE CALCULATIONS FOR SOIL - INDUSTRIAL/ COMMERCIAL WORKER
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Soil/ Ambient Air
Exposure Point: Ingestion, Dermal, and Inhalation
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Exposure Route	*Parameter Code*	*Parameter Definition*	*Units*	*RME Value*	*RME Rationale/ Reference*	*CT Value*	*CT Rationale/ Reference*	*Intake Equation/ Model Name*
Ingestion	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	Chronic Daily Intake (CDI) (mg/kg-day) =
	IR	Ingestion Rate of Soil	mg soil/day	100	USEPA, 2002	100	USEPA, 2002	CS x IR x CF x ABS x EF x ED x 1/BW x 1/AT
	CF	Conversion Factor	kg/mg	1.00E-06	--	1.00E-06	--	
	EF	Exposure Frequency	days/year	250	USEPA, 2004	219	USEPA, 2004	
	ED	Exposure Duration	years	25	USEPA, 2004	9	USEPA, 2004	
	BW	Body Weight	kg	70	USEPA, 2002	70	USEPA, 2002	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	9,125	USEPA, 1989	3,285	USEPA, 1989	
	ABS	Absorption Factor	%/100	chemical specific	USEPA, 2012 (2)	chemical specific	USEPA, 2012 (2)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	CDI (mg/kg-day) =
	SA	Skin Surface Area Available for Contact	cm^2/event	3,300	USEPA, 2004	3,300	USEPA, 2004	CS x CF x SA x AF x ABS x EF x ED x 1/BW x 1/AT
	CF	Conversion Factor	kg/mg	1.00E-06	--	1.00E-06	--	
	EF	Exposure Frequency	days/year	250	USEPA, 2004	219	USEPA, 2004	
	ED	Exposure Duration	years	25	USEPA, 2004	9	USEPA, 2004	
	BW	Body Weight	kg	70	USEPA, 2002	70	USEPA, 2002	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	9,125	USEPA, 1989	3,285	USEPA, 1989	
	AF	Soil to Skin Adherence Factor	mg/cm^2	0.2	USEPA, 2004	0.02	USEPA, 2004	
	ABS	Absorption Factor	%/100	chemical specific	OEPA, 2013 (3)	chemical specific	OEPA, 2013 (3)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	Exposure Concentration (EC) (mg/m^3) =
	FT	Fraction Time Exposed	unitless	8/24	OEPA, 2008	8/24	OEPA, 2008	CS x FT x EF x ED x 1/PEF x 1/AT
	EF	Exposure Frequency	days/year	250	USEPA, 2004	219	USEPA, 2004	
	ED	Exposure Duration	years	25	USEPA, 2004	9	USEPA, 2004	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	9,125	USEPA, 1989	3,285	USEPA, 1989	
	PEF	Particulate Emission Factor	m^3/kg	9.24E+08	OEPA, 2008	9.24E+08	OEPA, 2008	

Notes:

(1) For soil concentrations within each area of concern, refer to Table 3.1 through to Table 3.9.
(2) Current default assumption of 100% with the exception of arsenic at 60%.
(3) As identified in OEPA Letter (dated December 18, 2013); absorption factor of 0.001 should be used.

References:

OEPA, 2008: Support Document for the Development of Generic Numerical Standards and Risk Assessment Procedures, Voluntary Action Program, August 2008.

OEPA, 2013: Ohio EPA Letter Re: Constituents of Concern (COCs), Former General Motors Fisher Guide Landfill (RACER), U.S. EPA RCRA ID# OHD 004 201 091, December 18, 2013.
USEPA, 1989: Risk Assessment Guidance for Superfund (RAGS): Volume 1 – Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002, December 1989.
USEPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December 2002.
USEPA, 2004: Risk Assessment Guidance for Superfund (RAGS):Volume 1 - Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), EPA/540/R/99/005, July 2004.
USEPA, 2012: Recommendations for Default Value for Relative Bioavailability of Arsenic in Soil, OSWER 9200.1-113, December 2012.

TABLE 5.3.10

VALUES USED FOR DAILY INTAKE CALCULATIONS FOR SOIL - CONSTRUCTION/ UTILITY WORKER
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Medium: Soil
Exposure Medium: Soil/ Ambient Air
Exposure Point: Ingestion, Dermal, and Inhalation
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Exposure Route	*Parameter Code*	*Parameter Definition*	*Units*	*RME Value*	*RME Rationale/ Reference*	*CT Value*	*CT Rationale/ Reference*	*Intake Equation/ Model Name*
Ingestion	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	Chronic Daily Intake (CDI) (mg/kg-day) =
	IR	Ingestion Rate of Soil	mg soil/day	330	USEPA, 2002	330	USEPA, 2002	CS x IR x CF x ABS x EF x ED x 1/BW x 1/AT
	CF	Conversion Factor	kg/mg	1.00E-06	--	1.00E-06	--	
	EF	Exposure Frequency	days/year	250	USEPA, 2002	120	OEPA, 2008	
	ED	Exposure Duration	years	1	USEPA, 2002	1	USEPA, 2002	
	BW	Body Weight	kg	70	USEPA, 2002	70	USEPA, 2002	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	365	USEPA, 1989	365	USEPA, 1989	
	ABS	Absorption Factor	%/100	chemical specific	USEPA, 2012 (2)	chemical specific	USEPA, 2012 (2)	
Dermal	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	CDI (mg/kg-day) =
	SA	Skin Surface Area Available for Contact	cm^2/event	3,300	USEPA, 2004	3,300	USEPA, 2004	CS x CF x SA x AF x ABS x EF x ED x 1/BW x 1/AT
	CF	Conversion Factor	kg/mg	1.00E-06	--	1.00E-06	--	
	EF	Exposure Frequency	days/year	250	USEPA, 2002	120	OEPA, 2008	
	ED	Exposure Duration	years	1	USEPA, 2002	1	USEPA, 2002	
	BW	Body Weight	kg	70	USEPA, 2002	70	USEPA, 2002	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	365	USEPA, 1989	365	USEPA, 1989	
	AF	Soil to Skin Adherence Factor	mg/cm^2	0.3	USEPA, 2004	0.1	USEPA, 2004	
	ABS	Absorption Factor	%/100	chemical specific	OEPA, 2013 (3)	chemical specific	OEPA, 2013 (3)	
Inhalation	CS	Chemical Concentration in Soil	mg/kg	(1)	(1)	(1)	(1)	Exposure Concentration (EC) (mg/m^3) =
	FT	Fraction Time Exposed	unitless	8/24	OEPA, 2008	8/24	OEPA, 2008	CS x FT x EF x ED x 1/PEF x 1/AT
	EF	Exposure Frequency	days/year	250	USEPA, 2002	120	OEPA, 2008	
	ED	Exposure Duration	years	1	USEPA, 2002	1	USEPA, 2002	
	AT-C	Averaging Time (cancer)	days	25,550	USEPA, 1989	25,550	USEPA, 1989	
	AT-N	Averaging Time (non-cancer)	days	365	USEPA, 1989	365	USEPA, 1989	
	PEF	Particulate Emission Factor	m^3/kg	site-specific	Refer to Table 3.11	site-specific	Refer to Table 3.11	

Notes:

(1) For soil concentrations within each area of concern, refer to Table 3.1 through to Table 3.9.
(2) Current default assumption of 100% with the exception of arsenic at 60%.
(3) As identified in OEPA Letter (dated December 18, 2013); absorption factor of 0.001 should be used.

References:

OEPA, 2008: Support Document for the Development of Generic Numerical Standards and Risk Assessment Procedures, Voluntary Action Program, August 2008.

OEPA, 2013: Ohio EPA Letter Re: Constituents of Concern (COCs), Fromer General Motors Fisher Guide Landfill (RACER), U.S. EPA RCRA ID# OHD 004 201 091, December 18, 2013.
USEPA, 1989: Risk Assessment Guidance for Superfund (RAGS): Volume 1 – Human Health Evaluation Manual (Part A), Interim Final, EPA/540/1-89/002, December 1989.
USEPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December 2002.
USEPA, 2004: Risk Assessment Guidance for Superfund (RAGS):Volume 1 - Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), EPA/540/R/99/005, July 2004.
USEPA, 2012: Recommendations for Default Value for Relative Bioavailability of Arsenic in Soil, OSWER 9200.1-113, December 2012.

TABLE 5.3.11

DERIVATION OF PARTICULATE EMISSION FACTOR (PEF) FOR SOIL -
FUTURE CONSTRUCTION/ UTILITY WORKER INHALATION EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

$$PEF_{SC} = Q/C_{sr} \times 1/F_D \times [(T \times A_R) / (556 \times ((W/3)^{0.4} \times ((365\ d/y - p) / 365\ d/y) \times VKT)]$$

$$Q/C_{sr} = A \times EXP [(\ln A_s - B)^2 / C]$$

INPUT PARAMETERS		*REFERENCE*
PEF_{sc}/ subchronic road particulate emission factor (m^3/kg) =	**8.76E+06**	Equation 5-5, USEPA, 2002
Q/C_{sr}/ inverse of ratio of the 1-h geometric mean air concentration =	13.19	Equation 5-6, USEPA, 2002
A/ constant (unitless) =	12.9351	USEPA, 2002
B/ constant (unitless) =	5.7383	USEPA, 2002
C/ constant (unitless) =	71.7711	USEPA, 2002
A_s/ areal extent of site surface soil contamination (acres) =	95.6	Site-Specific
F_D/ dispersion correction factor (unitless) =	0.185	USEPA, 2002
T/ total time over which construction occurs (s) =	3.15E+07	USEPA, 2002 (site-specific, within a 1 year construction campaign)
A_R/ surface area of contaminated road segment (m^2) =	3,792	USEPA, 2002 (A_R = LR*WR*0.092903 m^2/ft^2)
LR - length of road segment (ft) =	2041	USEPA, 2002
WR - width of road segment (ft) =	20	USEPA, 2002
W/ mean vehicle weight (tons) =	8	USEPA, 2002, Assumes 20 two-ton cars and 10 twenty-ton trucks (W = (20*2+10*20)/30)
p/ number of days with at least 0.01 inches of precipitation (days/yr) =	180	USEPA, 2002
VKT/ sum of fleet vehicle kilometres travelled during the exposure duration (km) =	2,333	Assuming that the area is configured as a square with the unpaved construction access road segment dividing the square evenly, the road length would be equal to the square root of 386,879 m^2, also equal to 622 m or 0.622 km. Assuming that each vehicle travels the length of the road once per day, 5 days per week for a total of 125 days, (30*0.622*125).

Reference:

USEPA, 2002: Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, OSWER 9355.4-24, December 2002.

TABLE 5.4.1

NON-CANCER TOXICITY DATA -- ORAL/DERMAL ROUTE OF EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Chemicals of Potential Concern	*Chronic/ Subchronic*	*Oral RfD Value*	*Oral RfD Units*	*Oral to Dermal Adjustment Factor (1)*	*Adjusted Dermal RfD (2)*	*Units*	*Primary Target Organ*	*Combined Uncertainty/Modifying Factors*	*Sources of RfD: Target Organ*	*Dates of RfD: Target Organ (3) (MM-YY)*
Metals										
Cobalt	chronic	3.00E-04	mg/kg-d	100%	3.00E-04	mg/kg-d	--	--	RSL	Nov-13
Copper	chronic	4.00E-02	mg/kg-d	100%	4.00E-02	mg/kg-d	--	--	RSL	Nov-13
Manganese	chronic	2.40E-02	mg/kg-d	4%	9.60E-04	mg/kg-d	central nervous system	3	IRIS	May-96
Nickel	chronic	2.00E-02	mg/kg-d	4%	8.00E-04	mg/kg-d	body weight	300	IRIS	Dec-96
Zinc	chronic	3.00E-01	mg/kg-d	100%	3.00E-01	mg/kg-d	clinical effects	3	IRIS	Aug-05

Notes:

-- = Not Available

(1) USEPA, Risk Assessment Guidance for Superfund, Volume 1: Human Health Evaluation Manual, Part E Supplemental Guidance for Dermal Risk Assessment, EPA/540/R/99/005, July 2004.

(2) Adjusted Dermal RfD = Oral RfD x Oral to Dermal Adjustment Factor

(3) Integrated Risk Information System (IRIS) Database, September 2013.

Note: dates of RfD provided is the last revision date of the IRIS toxicity data provided (http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showSubstanceList).

Regional Screening Level (RSL) Summary Table, November 2013.

TABLE 5.4.2

NON-CANCER TOXICITY DATA -- INHALATION ROUTE OF EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Chemicals of Potential Concern	*Chronic/ Subchronic*	*Value Inhalation RfC*	*Units*	*Primary Target Organ*	*Combined Uncertainty/Modifying Factors*	*Sources of RfC: Target Organ*	*Dates of RfC: Target Organ (1) (MM-YY)*
Metals							
Cobalt	chronic	6.00E-06	mg/m^3	--	--	RSL	Nov-13
Copper	--	--	--	--	--	--	--
Manganese	chronic	5.00E-05	mg/m^3	central nervous system	1000	IRIS	Dec-93
Nickel	chronic	9.00E-05	mg/m^3	--	--	RSL	Nov-13
Zinc	--	--	--	--	--	--	--

Notes:

-- = Not Available

(1) Integrated Risk Information System (IRIS) Database, September 2013.
Note: dates of RfD provided is the last revision date of the IRIS toxicity data provided (http://cfpub.epa.gov/ncea/iris/index.cfm?fuseaction=iris.showSubstanceList).
Regional Screening Level (RSL) Summary Table, November 2013.

TABLE 5.4.3

CANCER TOXICITY DATA -- ORAL/DERMAL ROUTE OF EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Chemicals of Potential Concern	*Oral Cancer Slope Factor*	*Oral to Dermal Adjustment Factor*	*Adjusted Dermal Cancer Slope Factor*	*Units*	*Weight of Evidence/ Cancer Guideline Description*	*Sources of CSF*	*Dates of CSF (MM-YY)*
Metals							
Cobalt	--	--	--	--	--	--	--
Copper	--	--	--	--	D	--	--
Manganese	--	--	--	--	D	--	--
Nickel	--	--	--	--	--	--	--
Zinc	--	--	--	--	D	--	--

Notes:

-- = Not Available

EPA Weight of Evidence Classification :

A - Known Human carcinogen
B1 - Probable human carcinogen - indicates that limited human data are available
B2 - Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans
C - Possible human carcinogen
D - Not classifiable as a human carcinogen
E - Evidence of noncarcinogenicity

TABLE 5.4.4

CANCER TOXICITY DATA -- INHALATION ROUTE OF EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Chemicals of Potential Concern	*Unit Risk Factor*	*Units*	*Weight of Evidence/ Cancer Guideline Description*	*Sources of URF*	*Dates of URF (1) (MM-YY)*
Metals					
Cobalt	--	--	--	--	--
Copper	--	--	D	--	--
Manganese	--	--	D	--	--
Nickel	2.60E-01	$(mg/m^3)^{-1}$	--	RSL	Nov-13
Zinc	--	--	D	--	--

Notes:

-- = Not Available

(1) Regional Screening Level (RSL) Summary Table, November 2013.

EPA Weight of Evidence Classification :

A - Known Human carcinogen
B1 - Probable human carcinogen - indicates that limited human data are available
B2 - Probable human carcinogen - indicates sufficient evidence in animals and inadequate or no evidence in humans
C - Possible human carcinogen
D - Not classifiable as a human carcinogen
E - Evidence of noncarcinogenicity

TABLE5. 5.5.1

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
OPEN BURN AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Manganese	1.37E+03	mg/kg	2.36E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.65E-04	mg/kg-d	2.40E-02	mg/kg-d	6.87E-03
			Exp. Route Total								NC					6.87E-03
			Dermal	Manganese	1.37E+03	mg/kg	3.68E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.57E-07	mg/kg-d	9.60E-04	mg/kg-d	2.68E-04
			Exp. Route Total								NC					2.68E-04
		Exposure Point Total									NC					7.14E-03
	Exposure Medium Total										NC					7.14E-03
	Ambient Air	On-Site	Inhalation	Manganese	1.37E+03	mg/kg	1.03E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	7.18E-09	mg/m^3	5.00E-05	mg/m^3	1.44E-04
			Exp. Route Total								NC					1.44E-04
		Exposure Point Total									NC					1.44E-04
	Exposure Medium Total										NC					1.44E-04
Medium Total											NC					7.29E-03
Total of Receptor Risks Across All Media											**NC**	**Total of Receptor Hazards Across All Media**				**7.3E-03**

Note:
NC = Not Calculated

TABLE 5.5.2

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
OPEN BURN AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Manganese	1.37E+03	mg/kg	4.71E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.30E-04	mg/kg-d	2.40E-02	mg/kg-d	1.37E-02
			Exp. Route Total								NC					1.37E-02
			Dermal	Manganese	1.37E+03	mg/kg	3.68E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.57E-06	mg/kg-d	9.60E-04	mg/kg-d	2.68E-03
			Exp. Route Total								NC					2.68E-03
		Exposure Point Total									NC					1.64E-02
	Exposure Medium Total										NC					1.64E-02
	Ambient Air	On-Site	Inhalation	Manganese	1.37E+03	mg/kg	4.10E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.87E-08	mg/m^3	5.00E-05	mg/m^3	5.75E-04
			Exp. Route Total								NC					5.75E-04
		Exposure Point Total									NC					5.75E-04
	Exposure Medium Total										NC					5.75E-04
Medium Total											NC					1.70E-02
Total of Receptor Risks Across All Media											**NC**	**Total of Receptor Hazards Across All Media**				**1.7E-02**

Note:
NC = Not Calculated

TABLE 5.5.3

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
OPEN BURN AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Manganese	1.37E+03	mg/kg	1.51E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.17E-03	mg/kg-d	2.40E-02	mg/kg-d	4.89E-02
			Exp. Route Total								NC					4.89E-02
			Dermal	Manganese	1.37E+03	mg/kg	9.95E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.74E-07	mg/kg-d	9.60E-04	mg/kg-d	8.06E-04
			Exp. Route Total								NC					8.06E-04
		Exposure Point Total									NC					4.97E-02
	Exposure Medium Total										NC					4.97E-02
	Ambient Air	On-Site	Inhalation	Manganese	1.37E+03	mg/kg	3.81E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.96E-07	mg/m^3	5.00E-05	mg/m^3	5.92E-03
			Exp. Route Total								NC					5.92E-03
		Exposure Point Total									NC					5.92E-03
	Exposure Medium Total										NC					5.92E-03
Medium Total											NC					5.56E-02
Total of Receptor Risks Across All Media											**NC**	**Total of Receptor Hazards Across All Media**				**5.6E-02**

Note:
NC = Not Calculated

TABLE 5.5.4

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
OPEN BURN AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Manganese	1.37E+03	mg/kg	4.78E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.34E-03	mg/kg-d	2.40E-02	mg/kg-d	5.58E-02
			Exp. Route Total								NC					5.58E-02
			Dermal	Manganese	1.37E+03	mg/kg	3.16E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.83E-06	mg/kg-d	9.60E-04	mg/kg-d	9.20E-03
			Exp. Route Total								NC					9.20E-03
		Exposure Point Total									NC					6.50E-02
	Exposure Medium Total										NC					6.50E-02
	Ambient Air	On-Site	Inhalation	Manganese	1.37E+03	mg/kg	1.21E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.38E-07	mg/m^3	5.00E-05	mg/m^3	6.76E-03
			Exp. Route Total								NC					6.76E-03
		Exposure Point Total									NC					6.76E-03
	Exposure Medium Total										NC					6.76E-03
Medium Total											NC					7.17E-02
Total of Receptor Risks Across All Media											**NC**	**Total of Receptor Hazards Across All Media**				**7.2E-02**

Note:
NC = Not Calculated

TABLE 5.5.5

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
OPEN BURN AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Manganese	1.37E+03	mg/kg	3.03E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.12E-03	mg/kg-d	2.40E-02	mg/kg-d	8.83E-02
			Exp. Route Total								NC					8.83E-02
			Dermal	Manganese	1.37E+03	mg/kg	3.03E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.12E-06	mg/kg-d	9.60E-04	mg/kg-d	2.21E-03
			Exp. Route Total								NC					2.21E-03
		Exposure Point Total									NC					9.06E-02
	Exposure Medium Total										NC					9.06E-02
	Ambient Air	On-Site	Inhalation	Manganese	1.37E+03	mg/kg	2.44E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.71E-05	mg/m^3	5.00E-05	mg/m^3	3.42E-01
			Exp. Route Total								NC					3.42E-01
		Exposure Point Total									NC					3.42E-01
	Exposure Medium Total										NC					3.42E-01
Medium Total											NC					4.33E-01
							Total of Receptor Risks Across All Media				**NC**	**Total of Receptor Hazards Across All Media**				**4.3E-01**

Note:
NC = Not Calculated

TABLE 5.5.6

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
OPEN BURN AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Manganese	1.37E+03	mg/kg	6.31E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.42E-03	mg/kg-d	2.40E-02	mg/kg-d	1.84E-01
			Exp. Route Total								NC					1.84E-01
			Dermal	Manganese	1.37E+03	mg/kg	1.89E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.33E-05	mg/kg-d	9.60E-04	mg/kg-d	1.38E-02
			Exp. Route Total								NC					1.38E-02
		Exposure Point Total									NC					1.98E-01
	Exposure Medium Total										NC					1.98E-01
	Ambient Air	On-Site	Inhalation	Manganese	1.37E+03	mg/kg	5.09E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.57E-05	mg/m^3	5.00E-05	mg/m^3	7.13E-01
			Exp. Route Total								NC					7.13E-01
		Exposure Point Total									NC					7.13E-01
	Exposure Medium Total										NC					7.13E-01
Medium Total											NC					9.11E-01
Total of Receptor Risks Across All Media											**NC**	**Total of Receptor Hazards Across All Media**				**9.1E-01**

Note:
NC = Not Calculated

TABLE 5.5.7

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
NORTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.53E+01	mg/kg	2.63E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.84E-06	mg/kg-d	3.00E-04	mg/kg-d	6.13E-03
				Copper	4.23E+03	mg/kg	7.29E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.10E-04	mg/kg-d	4.00E-02	mg/kg-d	1.28E-02
				Manganese	3.83E+03	mg/kg	6.59E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.61E-04	mg/kg-d	2.40E-02	mg/kg-d	1.92E-02
				Nickel	8.40E+03	mg/kg	1.45E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.01E-03	mg/kg-d	2.00E-02	mg/kg-d	5.06E-02
			Exp. Route Total								NC					8.88E-02
			Dermal	Cobalt	1.53E+01	mg/kg	4.10E-10	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.87E-09	mg/kg-d	3.00E-04	mg/kg-d	9.57E-06
				Copper	4.23E+03	mg/kg	1.14E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.96E-07	mg/kg-d	4.00E-02	mg/kg-d	1.99E-05
				Manganese	3.83E+03	mg/kg	1.03E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.20E-07	mg/kg-d	9.60E-04	mg/kg-d	7.50E-04
				Nickel	8.40E+03	mg/kg	2.26E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.58E-06	mg/kg-d	8.00E-04	mg/kg-d	1.97E-03
			Exp. Route Total								NC					2.75E-03
		Exposure Point Total									NC					9.15E-02
	Exposure Medium Total										NC					9.15E-02
	Ambient Air	On-Site	Inhalation	Cobalt	1.53E+01	mg/kg	1.14E-11	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.01E-11	mg/m^3	6.00E-06	mg/m^3	1.34E-05
				Copper	4.23E+03	mg/kg	3.18E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.22E-08	mg/m^3	--	mg/m^3	NC
				Manganese	3.83E+03	mg/kg	2.87E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.01E-08	mg/m^3	5.00E-05	mg/m^3	4.02E-04
				Nickel	8.40E+03	mg/kg	6.30E-09	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.64E-09	4.41E-08	mg/m^3	9.00E-05	mg/m^3	4.90E-04
			Exp. Route Total								1.64E-09					9.05E-04
		Exposure Point Total									1.64E-09					9.05E-04
	Exposure Medium Total										1.64E-09					9.05E-04
Medium Total											1.64E-09					9.24E-02
							Total of Receptor Risks Across All Media				**1.6E-09**	**Total of Receptor Hazards Across All Media**				**9.2E-02**

Note:

NC = Not Calculated

TABLE 5.5.8

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.53E+01	mg/kg	5.26E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.68E-06	mg/kg-d	3.00E-04	mg/kg-d	1.23E-02
				Copper	4.23E+03	mg/kg	1.46E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.02E-03	mg/kg-d	4.00E-02	mg/kg-d	2.55E-02
				Manganese	3.83E+03	mg/kg	1.32E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.23E-04	mg/kg-d	2.40E-02	mg/kg-d	3.85E-02
				Nickel	8.40E+03	mg/kg	2.89E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.03E-03	mg/kg-d	2.00E-02	mg/kg-d	1.01E-01
			Exp. Route Total								NC					1.78E-01
			Dermal	Cobalt	1.53E+01	mg/kg	4.10E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.87E-08	mg/kg-d	3.00E-04	mg/kg-d	9.57E-05
				Copper	4.23E+03	mg/kg	1.14E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.96E-06	mg/kg-d	4.00E-02	mg/kg-d	1.99E-04
				Manganese	3.83E+03	mg/kg	1.03E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.20E-06	mg/kg-d	9.60E-04	mg/kg-d	7.50E-03
				Nickel	8.40E+03	mg/kg	2.26E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.58E-05	mg/kg-d	8.00E-04	mg/kg-d	1.97E-02
			Exp. Route Total								NC					2.75E-02
		Exposure Point Total									NC					2.05E-01
	Exposure Medium Total										NC					2.05E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.53E+01	mg/kg	4.58E-11	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.20E-10	mg/m^3	6.00E-06	mg/m^3	5.34E-05
				Copper	4.23E+03	mg/kg	1.27E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.89E-08	mg/m^3	--	mg/m^3	NC
				Manganese	3.83E+03	mg/kg	1.15E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.04E-08	mg/m^3	5.00E-05	mg/m^3	1.61E-03
				Nickel	8.40E+03	mg/kg	2.52E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	6.55E-09	1.76E-07	mg/m^3	9.00E-05	mg/m^3	1.96E-03
			Exp. Route Total								6.55E-09					3.62E-03
		Exposure Point Total									6.55E-09					3.62E-03
	Exposure Medium Total										6.55E-09					3.62E-03
Medium Total											6.55E-09					2.09E-01
							Total of Receptor Risks Across All Media				**6.6E-09**	**Total of Receptor Hazards Across All Media**				**2.1E-01**

Note:

NC = Not Calculated

TABLE 5.5.9

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
NORTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.53E+01	mg/kg	1.68E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.31E-05	mg/kg-d	3.00E-04	mg/kg-d	4.36E-02
				Copper	4.23E+03	mg/kg	4.66E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.63E-03	mg/kg-d	4.00E-02	mg/kg-d	9.07E-02
				Manganese	3.83E+03	mg/kg	4.22E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.28E-03	mg/kg-d	2.40E-02	mg/kg-d	1.37E-01
				Nickel	8.40E+03	mg/kg	9.25E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.20E-03	mg/kg-d	2.00E-02	mg/kg-d	3.60E-01
			Exp. Route Total								NC					6.31E-01
			Dermal	Cobalt	1.53E+01	mg/kg	1.11E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.63E-09	mg/kg-d	3.00E-04	mg/kg-d	2.88E-05
				Copper	4.23E+03	mg/kg	3.08E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.39E-06	mg/kg-d	4.00E-02	mg/kg-d	5.99E-05
				Manganese	3.83E+03	mg/kg	2.78E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.16E-06	mg/kg-d	9.60E-04	mg/kg-d	2.26E-03
				Nickel	8.40E+03	mg/kg	6.11E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.75E-06	mg/kg-d	8.00E-04	mg/kg-d	5.94E-03
			Exp. Route Total								NC					8.28E-03
		Exposure Point Total									NC					6.39E-01
	Exposure Medium Total										NC					6.39E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.53E+01	mg/kg	4.25E-10	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.30E-09	mg/m^3	6.00E-06	mg/m^3	5.51E-04
				Copper	4.23E+03	mg/kg	1.18E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.16E-07	mg/m^3	--	mg/m^3	NC
				Manganese	3.83E+03	mg/kg	1.07E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.28E-07	mg/m^3	5.00E-05	mg/m^3	1.66E-02
				Nickel	8.40E+03	mg/kg	2.34E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	6.08E-08	1.82E-06	mg/m^3	9.00E-05	mg/m^3	2.02E-02
			Exp. Route Total								6.08E-08					3.73E-02
		Exposure Point Total									6.08E-08					3.73E-02
	Exposure Medium Total										6.08E-08					3.73E-02
Medium Total											6.08E-08					6.76E-01
							Total of Receptor Risks Across All Media				**6.1E-08**	**Total of Receptor Hazards Across All Media**				**6.8E-01**

Note:

NC = Not Calculated

TABLE 5.5.10

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.53E+01	mg/kg	5.33E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.49E-05	mg/kg-d	3.00E-04	mg/kg-d	4.98E-02
				Copper	4.23E+03	mg/kg	1.48E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.14E-03	mg/kg-d	4.00E-02	mg/kg-d	1.04E-01
				Manganese	3.83E+03	mg/kg	1.34E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.74E-03	mg/kg-d	2.40E-02	mg/kg-d	1.56E-01
				Nickel	8.40E+03	mg/kg	2.93E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.22E-03	mg/kg-d	2.00E-02	mg/kg-d	4.11E-01
			Exp. Route Total								NC					7.20E-01
			Dermal	Cobalt	1.53E+01	mg/kg	3.52E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.85E-08	mg/kg-d	3.00E-04	mg/kg-d	3.28E-04
				Copper	4.23E+03	mg/kg	9.76E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.73E-05	mg/kg-d	4.00E-02	mg/kg-d	6.83E-04
				Manganese	3.83E+03	mg/kg	8.83E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.47E-05	mg/kg-d	9.60E-04	mg/kg-d	2.57E-02
				Nickel	8.40E+03	mg/kg	1.94E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.42E-05	mg/kg-d	8.00E-04	mg/kg-d	6.78E-02
			Exp. Route Total								NC					9.45E-02
		Exposure Point Total									NC					8.15E-01
	Exposure Medium Total										NC					8.15E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.53E+01	mg/kg	1.35E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.77E-09	mg/m^3	6.00E-06	mg/m^3	6.28E-04
				Copper	4.23E+03	mg/kg	3.74E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.05E-06	mg/m^3	--	mg/m^3	NC
				Manganese	3.83E+03	mg/kg	3.38E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.46E-07	mg/m^3	5.00E-05	mg/m^3	1.89E-02
				Nickel	8.40E+03	mg/kg	7.41E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.93E-07	2.07E-06	mg/m^3	9.00E-05	mg/m^3	2.31E-02
			Exp. Route Total								1.93E-07					4.26E-02
		Exposure Point Total									1.93E-07					4.26E-02
	Exposure Medium Total										1.93E-07					4.26E-02
Medium Total											1.93E-07					8.57E-01
				Total of Receptor Risks Across All Media							**1.9E-07**	**Total of Receptor Hazards Across All Media**				**8.6E-01**

Note:

NC = Not Calculated

TABLE 5.5.11

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
NORTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (1) (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.53E+01	mg/kg	3.38E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.37E-05	mg/kg-d	3.00E-04	mg/kg-d	7.88E-02
				Copper	4.23E+03	mg/kg	9.37E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.56E-03	mg/kg-d	4.00E-02	mg/kg-d	1.64E-01
				Manganese	3.83E+03	mg/kg	8.47E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.93E-03	mg/kg-d	2.40E-02	mg/kg-d	2.47E-01
				Nickel	8.40E+03	mg/kg	1.86E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.30E-02	mg/kg-d	2.00E-02	mg/kg-d	6.51E-01
			Exp. Route Total								NC					1.14E+00
			Dermal	Cobalt	1.53E+01	mg/kg	3.38E-10	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.37E-08	mg/kg-d	3.00E-04	mg/kg-d	7.88E-05
				Copper	4.23E+03	mg/kg	9.37E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.56E-06	mg/kg-d	4.00E-02	mg/kg-d	1.64E-04
				Manganese	3.83E+03	mg/kg	8.47E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.93E-06	mg/kg-d	9.60E-04	mg/kg-d	6.18E-03
				Nickel	8.40E+03	mg/kg	1.86E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.30E-05	mg/kg-d	8.00E-04	mg/kg-d	1.63E-02
			Exp. Route Total								NC					2.27E-02
		Exposure Point Total									NC					1.16E+00
	Exposure Medium Total										NC					1.16E+00
	Ambient Air	On-Site	Inhalation	Cobalt	1.53E+01	mg/kg	2.73E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.91E-07	mg/m^3	6.00E-06	mg/m^3	3.18E-02
				Copper	4.23E+03	mg/kg	7.57E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.30E-05	mg/m^3	--	mg/m^3	NC
				Manganese	3.83E+03	mg/kg	6.84E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.79E-05	mg/m^3	5.00E-05	mg/m^3	9.58E-01
				Nickel	8.40E+03	mg/kg	1.50E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.90E-07	1.05E-04	mg/m^3	9.00E-05	mg/m^3	1.17E+00
			Exp. Route Total								3.90E-07					2.16E+00
		Exposure Point Total									3.90E-07					2.16E+00
	Exposure Medium Total										3.90E-07					2.16E+00
Medium Total											3.90E-07					3.32E+00
							Total of Receptor Risks Across All Media				**3.9E-07**	**Total of Receptor Hazards Across All Media**				**3.3E+00**

Note:

NC = Not Calculated

TABLE 5.5.12

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.53E+01	mg/kg	7.04E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.93E-05	mg/kg-d	3.00E-04	mg/kg-d	1.64E-01
				Copper	4.23E+03	mg/kg	1.95E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.37E-02	mg/kg-d	4.00E-02	mg/kg-d	3.42E-01
				Manganese	3.83E+03	mg/kg	1.77E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.24E-02	mg/kg-d	2.40E-02	mg/kg-d	5.15E-01
				Nickel	8.40E+03	mg/kg	3.87E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.71E-02	mg/kg-d	2.00E-02	mg/kg-d	1.36E+00
			Exp. Route Total								NC					2.38E+00
			Dermal	Cobalt	1.53E+01	mg/kg	2.11E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.48E-07	mg/kg-d	3.00E-04	mg/kg-d	4.93E-04
				Copper	4.23E+03	mg/kg	5.86E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.10E-05	mg/kg-d	4.00E-02	mg/kg-d	1.03E-03
				Manganese	3.83E+03	mg/kg	5.30E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.71E-05	mg/kg-d	9.60E-04	mg/kg-d	3.86E-02
				Nickel	8.40E+03	mg/kg	1.16E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.13E-05	mg/kg-d	8.00E-04	mg/kg-d	1.02E-01
			Exp. Route Total								NC					1.42E-01
		Exposure Point Total									NC					2.52E+00
	Exposure Medium Total										NC					2.52E+00
	Ambient Air	On-Site	Inhalation	Cobalt	1.53E+01	mg/kg	5.68E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.98E-07	mg/m^3	6.00E-06	mg/m^3	6.63E-02
				Copper	4.23E+03	mg/kg	1.58E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.10E-04	mg/m^3	--	mg/m^3	NC
				Manganese	3.83E+03	mg/kg	1.42E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.97E-05	mg/m^3	5.00E-05	mg/m^3	1.99E+00
				Nickel	8.40E+03	mg/kg	3.13E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	8.13E-07	2.19E-04	mg/m^3	9.00E-05	mg/m^3	2.43E+00
			Exp. Route Total								8.13E-07					4.49E+00
		Exposure Point Total									8.13E-07					4.49E+00
	Exposure Medium Total										8.13E-07					4.49E+00
Medium Total											8.13E-07					7.01E+00
Total of Receptor Risks Across All Media											**8.1E-07**	**Total of Receptor Hazards Across All Media**				**7.0E+00**

Note:

NC = Not Calculated

CALCULATION OF CHEMICAL

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*	
					Value	*Units*
Soil	Soil	On-Site	Ingestion	Cobalt	2.88E+01	mg/kg
				Copper	9.16E+03	mg/kg
				Nickel	1.65E+04	mg/kg
			Exp. Route Total			
			Dermal	Cobalt	2.88E+01	mg/kg
				Copper	9.16E+03	mg/kg
				Nickel	1.65E+04	mg/kg
			Exp. Route Total			
		Exposure Point Total				
	Exposure Medium Total					
	Ambient Air	On-Site	Inhalation	Cobalt	2.88E+01	mg/kg
				Copper	9.16E+03	mg/kg
				Nickel	1.65E+04	mg/kg
			Exp. Route Total			
		Exposure Point Total				
	Exposure Medium Total					
Medium Total						

Note:

NC = Not Calculated

TABLE 5.5.13

CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
SOUTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Cancer Risk Calculations					*Non-Cancer Hazard Calcul*		
Intake/Exposure Concentration		*CSF/Unit Risk*		*Cancer*	*Intake/Exposure Concentration*		*RfD/*
Value	*Units*	*Value*	*Units*	*Risk*	*Value*	*Units*	*Value*
4.96E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.47E-06	mg/kg-d	3.00E-04
1.58E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.10E-03	mg/kg-d	4.00E-02
2.85E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	2.00E-03	mg/kg-d	2.00E-02
				NC			
7.73E-10	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	5.41E-09	mg/kg-d	3.00E-04
2.46E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.72E-06	mg/kg-d	4.00E-02
4.45E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.11E-06	mg/kg-d	8.00E-04
				NC			
				NC			
				NC			
2.16E-11	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.51E-10	mg/m^3	6.00E-06
6.87E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.81E-08	mg/m^3	--
1.24E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.23E-09	8.69E-08	mg/m^3	9.00E-05
				3.23E-09			
				3.23E-09			
				3.23E-09			
				3.23E-09			
Total of Receptor Risks Across All Media				**3.2E-09**	**Total of Receptor Hazards Across All Media**		

ations	
/RfC	Hazard
Units	Quotient
mg/kg-d	1.16E-02
mg/kg-d	2.76E-02
mg/kg-d	9.98E-02
	1.39E-01
mg/kg-d	1.80E-05
mg/kg-d	4.31E-05
mg/kg-d	3.89E-03
	3.95E-03
	1.43E-01
	1.43E-01
mg/m^3	2.52E-05
mg/m^3	NC
mg/m^3	9.65E-04
	9.91E-04
	9.91E-04
	9.91E-04
	1.44E-01
	1.4E-01

TABLE 5.5.14

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (1) (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	2.88E+01	mg/kg	9.92E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	6.94E-06	mg/kg-d	3.00E-04	mg/kg-d	2.31E-02
				Copper	9.16E+03	mg/kg	3.16E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	2.21E-03	mg/kg-d	4.00E-02	mg/kg-d	5.52E-02
				Nickel	1.65E+04	mg/kg	5.70E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.99E-03	mg/kg-d	2.00E-02	mg/kg-d	2.00E-01
			Exp. Route Total								NC					2.78E-01
			Dermal	Cobalt	2.88E+01	mg/kg	7.73E-09	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	5.41E-08	mg/kg-d	3.00E-04	mg/kg-d	1.80E-04
				Copper	9.16E+03	mg/kg	2.46E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.72E-05	mg/kg-d	4.00E-02	mg/kg-d	4.31E-04
				Nickel	1.65E+04	mg/kg	4.45E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.11E-05	mg/kg-d	8.00E-04	mg/kg-d	3.89E-02
			Exp. Route Total								NC					3.95E-02
		Exposure Point Total									NC					3.17E-01
	Exposure Medium Total										NC					3.17E-01
	Ambient Air	On-Site	Inhalation	Cobalt	2.88E+01	mg/kg	8.64E-11	mg/m^3	--	$(mg/m^3)^{-1}$	NC	6.04E-10	mg/m^3	6.00E-06	mg/m^3	1.01E-04
				Copper	9.16E+03	mg/kg	2.75E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.92E-07	mg/m^3	--	mg/m^3	NC
				Nickel	1.65E+04	mg/kg	4.97E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.29E-08	3.48E-07	mg/m^3	9.00E-05	mg/m^3	3.86E-03
			Exp. Route Total								1.29E-08					3.96E-03
		Exposure Point Total									1.29E-08					3.96E-03
	Exposure Medium Total										1.29E-08					3.96E-03
Medium Total											1.29E-08					3.21E-01
							Total of Receptor Risks Across All Media				**1.3E-08**	**Total of Receptor Hazards Across All Media**				**3.2E-01**

Note:

NC = Not Calculated

TABLE 5.5.15

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	2.88E+01	mg/kg	3.17E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.47E-05	mg/kg-d	3.00E-04	mg/kg-d	8.22E-02
				Copper	9.16E+03	mg/kg	1.01E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.85E-03	mg/kg-d	4.00E-02	mg/kg-d	1.96E-01
				Nickel	1.65E+04	mg/kg	1.82E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.42E-02	mg/kg-d	2.00E-02	mg/kg-d	7.09E-01
			Exp. Route Total								NC					9.88E-01
			Dermal	Cobalt	2.88E+01	mg/kg	2.09E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.63E-08	mg/kg-d	3.00E-04	mg/kg-d	5.43E-05
				Copper	9.16E+03	mg/kg	6.66E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.18E-06	mg/kg-d	4.00E-02	mg/kg-d	1.30E-04
				Nickel	1.65E+04	mg/kg	1.20E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.36E-06	mg/kg-d	8.00E-04	mg/kg-d	1.17E-02
			Exp. Route Total								NC					1.19E-02
		Exposure Point Total									NC					1.00E+00
	Exposure Medium Total										NC					1.00E+00
	Ambient Air	On-Site	Inhalation	Cobalt	2.88E+01	mg/kg	8.01E-10	mg/m^3	--	$(mg/m^3)^{-1}$	NC	6.23E-09	mg/m^3	6.00E-06	mg/m^3	1.04E-03
				Copper	9.16E+03	mg/kg	2.55E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.98E-06	mg/m^3	--	mg/m^3	NC
				Nickel	1.65E+04	mg/kg	4.61E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.20E-07	3.58E-06	mg/m^3	9.00E-05	mg/m^3	3.98E-02
			Exp. Route Total								1.20E-07					4.08E-02
		Exposure Point Total									1.20E-07					4.08E-02
	Exposure Medium Total										1.20E-07					4.08E-02
Medium Total											1.20E-07					1.04E+00
				Total of Receptor Risks Across All Media							**1.2E-07**	**Total of Receptor Hazards Across All Media**				**1.0E+00**

Note:

NC = Not Calculated

TABLE 5.5.16

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	2.88E+01	mg/kg	1.01E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.82E-05	mg/kg-d	3.00E-04	mg/kg-d	9.39E-02
				Copper	9.16E+03	mg/kg	3.20E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.96E-03	mg/kg-d	4.00E-02	mg/kg-d	2.24E-01
				Nickel	1.65E+04	mg/kg	5.78E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.62E-02	mg/kg-d	2.00E-02	mg/kg-d	8.10E-01
			Exp. Route Total								NC					1.13E+00
			Dermal	Cobalt	2.88E+01	mg/kg	6.64E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.86E-07	mg/kg-d	3.00E-04	mg/kg-d	6.20E-04
				Copper	9.16E+03	mg/kg	2.11E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.92E-05	mg/kg-d	4.00E-02	mg/kg-d	1.48E-03
				Nickel	1.65E+04	mg/kg	3.82E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.07E-04	mg/kg-d	8.00E-04	mg/kg-d	1.34E-01
			Exp. Route Total								NC					1.36E-01
		Exposure Point Total									NC					1.26E+00
	Exposure Medium Total										NC					1.26E+00
	Ambient Air	On-Site	Inhalation	Cobalt	2.88E+01	mg/kg	2.54E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	7.11E-09	mg/m^3	6.00E-06	mg/m^3	1.19E-03
				Copper	9.16E+03	mg/kg	8.08E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.26E-06	mg/m^3	--	mg/m^3	NC
				Nickel	1.65E+04	mg/kg	1.46E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.80E-07	4.09E-06	mg/m^3	9.00E-05	mg/m^3	4.54E-02
			Exp. Route Total								3.80E-07					4.66E-02
		Exposure Point Total									3.80E-07					4.66E-02
	Exposure Medium Total										3.80E-07					4.66E-02
Medium Total											3.80E-07					1.31E+00
				Total of Receptor Risks Across All Media							**3.8E-07**	**Total of Receptor Hazards Across All Media**				**1.3E+00**

Note:

NC = Not Calculated

TABLE 5.5.17

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	2.88E+01	mg/kg	6.37E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.46E-05	mg/kg-d	3.00E-04	mg/kg-d	1.49E-01
				Copper	9.16E+03	mg/kg	2.03E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.42E-02	mg/kg-d	4.00E-02	mg/kg-d	3.55E-01
				Nickel	1.65E+04	mg/kg	3.66E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.56E-02	mg/kg-d	2.00E-02	mg/kg-d	1.28E+00
			Exp. Route Total								NC					1.79E+00
			Dermal	Cobalt	2.88E+01	mg/kg	6.37E-10	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.46E-08	mg/kg-d	3.00E-04	mg/kg-d	1.49E-04
				Copper	9.16E+03	mg/kg	2.03E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.42E-05	mg/kg-d	4.00E-02	mg/kg-d	3.55E-04
				Nickel	1.65E+04	mg/kg	3.66E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.56E-05	mg/kg-d	8.00E-04	mg/kg-d	3.21E-02
			Exp. Route Total								NC					3.26E-02
		Exposure Point Total									NC					1.82E+00
	Exposure Medium Total										NC					1.82E+00
	Ambient Air	On-Site	Inhalation	Cobalt	2.88E+01	mg/kg	5.14E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.60E-07	mg/m^3	6.00E-06	mg/m^3	6.00E-02
				Copper	9.16E+03	mg/kg	1.64E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.15E-04	mg/m^3	--	mg/m^3	NC
				Nickel	1.65E+04	mg/kg	2.96E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	7.69E-07	2.07E-04	mg/m^3	9.00E-05	mg/m^3	2.30E+00
			Exp. Route Total								7.69E-07					2.36E+00
		Exposure Point Total									7.69E-07					2.36E+00
	Exposure Medium Total										7.69E-07					2.36E+00
Medium Total											7.69E-07					4.18E+00
				Total of Receptor Risks Across All Media							**7.7E-07**	**Total of Receptor Hazards Across All Media**				**4.2E+00**

Note:

NC = Not Calculated

TABLE 5.5.18

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	2.88E+01	mg/kg	1.33E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.29E-05	mg/kg-d	3.00E-04	mg/kg-d	3.10E-01
				Copper	9.16E+03	mg/kg	4.23E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.96E-02	mg/kg-d	4.00E-02	mg/kg-d	7.40E-01
				Nickel	1.65E+04	mg/kg	7.63E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.34E-02	mg/kg-d	2.00E-02	mg/kg-d	2.67E+00
			Exp. Route Total								NC					3.72E+00
			Dermal	Cobalt	2.88E+01	mg/kg	3.98E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.79E-07	mg/kg-d	3.00E-04	mg/kg-d	9.29E-04
				Copper	9.16E+03	mg/kg	1.27E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.87E-05	mg/kg-d	4.00E-02	mg/kg-d	2.22E-03
				Nickel	1.65E+04	mg/kg	2.29E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.60E-04	mg/kg-d	8.00E-04	mg/kg-d	2.00E-01
			Exp. Route Total								NC					2.04E-01
		Exposure Point Total									NC					3.92E+00
	Exposure Medium Total										NC					3.92E+00
	Ambient Air	On-Site	Inhalation	Cobalt	2.88E+01	mg/kg	1.07E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	7.50E-07	mg/m^3	6.00E-06	mg/m^3	1.25E-01
				Copper	9.16E+03	mg/kg	3.41E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.39E-04	mg/m^3	--	mg/m^3	NC
				Nickel	1.65E+04	mg/kg	6.16E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.60E-06	4.31E-04	mg/m^3	9.00E-05	mg/m^3	4.79E+00
			Exp. Route Total								1.60E-06					4.92E+00
		Exposure Point Total									1.60E-06					4.92E+00
	Exposure Medium Total										1.60E-06					4.92E+00
Medium Total											1.60E-06					8.84E+00
							Total of Receptor Risks Across All Media				**1.6E-06**	**Total of Receptor Hazards Across All Media**				**8.8E+00**

Note:

NC = Not Calculated

TABLE 5.5.19

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
SOUTHERN TRENCH AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	5.05E+03	mg/kg	8.70E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	6.09E-04	mg/kg-d	4.00E-02	mg/kg-d	1.52E-02
				Manganese	4.15E+03	mg/kg	7.16E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	5.01E-04	mg/kg-d	2.40E-02	mg/kg-d	2.09E-02
				Nickel	1.48E+03	mg/kg	2.56E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.79E-04	mg/kg-d	2.00E-02	mg/kg-d	8.95E-03
			Exp. Route Total								NC					4.50E-02
			Dermal	Copper	5.05E+03	mg/kg	1.36E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	9.50E-07	mg/kg-d	4.00E-02	mg/kg-d	2.37E-05
				Manganese	4.15E+03	mg/kg	1.12E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	7.81E-07	mg/kg-d	9.60E-04	mg/kg-d	8.14E-04
				Nickel	1.48E+03	mg/kg	3.99E-08	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	2.79E-07	mg/kg-d	8.00E-04	mg/kg-d	3.49E-04
			Exp. Route Total								NC					1.19E-03
		Exposure Point Total									NC					4.62E-02
	Exposure Medium Total										NC					4.62E-02
	Ambient Air	On-Site	Inhalation	Copper	5.05E+03	mg/kg	3.79E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.65E-08	mg/m^3	--	mg/m^3	NC
				Manganese	4.15E+03	mg/kg	3.12E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.18E-08	mg/m^3	5.00E-05	mg/m^3	4.36E-04
				Nickel	1.48E+03	mg/kg	1.11E-09	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	2.89E-10	7.79E-09	mg/m^3	9.00E-05	mg/m^3	8.66E-05
			Exp. Route Total								2.89E-10					5.23E-04
		Exposure Point Total									2.89E-10					5.23E-04
	Exposure Medium Total										2.89E-10					5.23E-04
Medium Total											2.89E-10					4.67E-02
							Total of Receptor Risks Across All Media				**2.9E-10**	**Total of Receptor Hazards Across All Media**				**4.7E-02**

Note:

NC = Not Calculated

TABLE 5.5.20

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	5.05E+03	mg/kg	1.74E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.22E-03	mg/kg-d	4.00E-02	mg/kg-d	3.04E-02
				Manganese	4.15E+03	mg/kg	1.43E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.00E-03	mg/kg-d	2.40E-02	mg/kg-d	4.17E-02
				Nickel	1.48E+03	mg/kg	5.11E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.58E-04	mg/kg-d	2.00E-02	mg/kg-d	1.79E-02
			Exp. Route Total								NC					9.01E-02
			Dermal	Copper	5.05E+03	mg/kg	1.36E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	9.50E-06	mg/kg-d	4.00E-02	mg/kg-d	2.37E-04
				Manganese	4.15E+03	mg/kg	1.12E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	7.81E-06	mg/kg-d	9.60E-04	mg/kg-d	8.14E-03
				Nickel	1.48E+03	mg/kg	3.99E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	2.79E-06	mg/kg-d	8.00E-04	mg/kg-d	3.49E-03
			Exp. Route Total								NC					1.19E-02
		Exposure Point Total									NC					1.02E-01
	Exposure Medium Total										NC					1.02E-01
	Ambient Air	On-Site	Inhalation	Copper	5.05E+03	mg/kg	1.51E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.06E-07	mg/m^3	--	mg/m^3	NC
				Manganese	4.15E+03	mg/kg	1.25E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.72E-08	mg/m^3	5.00E-05	mg/m^3	1.74E-03
				Nickel	1.48E+03	mg/kg	4.45E-09	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.16E-09	3.12E-08	mg/m^3	9.00E-05	mg/m^3	3.46E-04
			Exp. Route Total								1.16E-09					2.09E-03
		Exposure Point Total									1.16E-09					2.09E-03
	Exposure Medium Total										1.16E-09					2.09E-03
Medium Total											1.16E-09					1.04E-01
							Total of Receptor Risks Across All Media				**1.2E-09**	**Total of Receptor Hazards Across All Media**				**1.0E-01**

Note:

NC = Not Calculated

TABLE 5.5.21

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN TRENCH AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	5.05E+03	mg/kg	5.56E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.33E-03	mg/kg-d	4.00E-02	mg/kg-d	1.08E-01
				Manganese	4.15E+03	mg/kg	4.58E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.56E-03	mg/kg-d	2.40E-02	mg/kg-d	1.48E-01
				Nickel	1.48E+03	mg/kg	1.64E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.27E-03	mg/kg-d	2.00E-02	mg/kg-d	6.36E-02
			Exp. Route Total								NC					3.20E-01
			Dermal	Copper	5.05E+03	mg/kg	3.67E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.86E-06	mg/kg-d	4.00E-02	mg/kg-d	7.14E-05
				Manganese	4.15E+03	mg/kg	3.02E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.35E-06	mg/kg-d	9.60E-04	mg/kg-d	2.45E-03
				Nickel	1.48E+03	mg/kg	1.08E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.40E-07	mg/kg-d	8.00E-04	mg/kg-d	1.05E-03
			Exp. Route Total								NC					3.57E-03
		Exposure Point Total									NC					3.24E-01
	Exposure Medium Total										NC					3.24E-01
	Ambient Air	On-Site	Inhalation	Copper	5.05E+03	mg/kg	1.40E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.09E-06	mg/m^3	--	mg/m^3	NC
				Manganese	4.15E+03	mg/kg	1.16E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.99E-07	mg/m^3	5.00E-05	mg/m^3	1.80E-02
				Nickel	1.48E+03	mg/kg	4.13E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.07E-08	3.21E-07	mg/m^3	9.00E-05	mg/m^3	3.57E-03
			Exp. Route Total								1.07E-08					2.16E-02
		Exposure Point Total									1.07E-08					2.16E-02
	Exposure Medium Total										1.07E-08					2.16E-02
Medium Total											1.07E-08					3.45E-01
							Total of Receptor Risks Across All Media				**1.1E-08**	**Total of Receptor Hazards Across All Media**				**3.5E-01**

Note:

NC = Not Calculated

TABLE 5.5.22

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	5.05E+03	mg/kg	1.76E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.94E-03	mg/kg-d	4.00E-02	mg/kg-d	1.23E-01
				Manganese	4.15E+03	mg/kg	1.45E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.06E-03	mg/kg-d	2.40E-02	mg/kg-d	1.69E-01
				Nickel	1.48E+03	mg/kg	5.19E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.45E-03	mg/kg-d	2.00E-02	mg/kg-d	7.26E-02
			Exp. Route Total								NC					3.65E-01
			Dermal	Copper	5.05E+03	mg/kg	1.16E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.26E-05	mg/kg-d	4.00E-02	mg/kg-d	8.15E-04
				Manganese	4.15E+03	mg/kg	9.58E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.68E-05	mg/kg-d	9.60E-04	mg/kg-d	2.79E-02
				Nickel	1.48E+03	mg/kg	3.42E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.58E-06	mg/kg-d	8.00E-04	mg/kg-d	1.20E-02
			Exp. Route Total								NC					4.07E-02
		Exposure Point Total									NC					4.06E-01
	Exposure Medium Total										NC					4.06E-01
	Ambient Air	On-Site	Inhalation	Copper	5.05E+03	mg/kg	4.45E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.25E-06	mg/m^3	--	mg/m^3	NC
				Manganese	4.15E+03	mg/kg	3.67E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.03E-06	mg/m^3	5.00E-05	mg/m^3	2.05E-02
				Nickel	1.48E+03	mg/kg	1.31E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.40E-08	3.67E-07	mg/m^3	9.00E-05	mg/m^3	4.07E-03
			Exp. Route Total								3.40E-08					2.46E-02
		Exposure Point Total									3.40E-08					2.46E-02
	Exposure Medium Total										3.40E-08					2.46E-02
Medium Total											3.40E-08					4.31E-01
				Total of Receptor Risks Across All Media							**3.4E-08**	**Total of Receptor Hazards Across All Media**				**4.3E-01**

Note:

NC = Not Calculated

TABLE 5.5.23

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN TRENCH AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	5.05E+03	mg/kg	1.12E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.82E-03	mg/kg-d	4.00E-02	mg/kg-d	1.96E-01
				Manganese	4.15E+03	mg/kg	9.20E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.44E-03	mg/kg-d	2.40E-02	mg/kg-d	2.68E-01
				Nickel	1.48E+03	mg/kg	3.29E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.30E-03	mg/kg-d	2.00E-02	mg/kg-d	1.15E-01
			Exp. Route Total								NC					5.79E-01
			Dermal	Copper	5.05E+03	mg/kg	1.12E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.82E-06	mg/kg-d	4.00E-02	mg/kg-d	1.96E-04
				Manganese	4.15E+03	mg/kg	9.20E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.44E-06	mg/kg-d	9.60E-04	mg/kg-d	6.71E-03
				Nickel	1.48E+03	mg/kg	3.29E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.30E-06	mg/kg-d	8.00E-04	mg/kg-d	2.88E-03
			Exp. Route Total								NC					9.78E-03
		Exposure Point Total									NC					5.89E-01
	Exposure Medium Total										NC					5.89E-01
	Ambient Air	On-Site	Inhalation	Copper	5.05E+03	mg/kg	9.02E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	6.32E-05	mg/m^3	--	mg/m^3	NC
				Manganese	4.15E+03	mg/kg	7.42E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.20E-05	mg/m^3	5.00E-05	mg/m^3	1.04E+00
				Nickel	1.48E+03	mg/kg	2.65E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	6.90E-08	1.86E-05	mg/m^3	9.00E-05	mg/m^3	2.06E-01
			Exp. Route Total								6.90E-08					1.25E+00
		Exposure Point Total									6.90E-08					1.25E+00
	Exposure Medium Total										6.90E-08					1.25E+00
Medium Total											6.90E-08					1.83E+00
							Total of Receptor Risks Across All Media				**6.9E-08**	**Total of Receptor Hazards Across All Media**				**1.8E+00**

Note:

NC = Not Calculated

TABLE 5.5.24

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	5.05E+03	mg/kg	2.33E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.63E-02	mg/kg-d	4.00E-02	mg/kg-d	4.07E-01
				Manganese	4.15E+03	mg/kg	1.92E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.34E-02	mg/kg-d	2.40E-02	mg/kg-d	5.59E-01
				Nickel	1.48E+03	mg/kg	6.85E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.79E-03	mg/kg-d	2.00E-02	mg/kg-d	2.40E-01
			Exp. Route Total								NC					1.21E+00
			Dermal	Copper	5.05E+03	mg/kg	6.99E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.89E-05	mg/kg-d	4.00E-02	mg/kg-d	1.22E-03
				Manganese	4.15E+03	mg/kg	5.75E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.02E-05	mg/kg-d	9.60E-04	mg/kg-d	4.19E-02
				Nickel	1.48E+03	mg/kg	2.05E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.44E-05	mg/kg-d	8.00E-04	mg/kg-d	1.80E-02
			Exp. Route Total								NC					6.11E-02
		Exposure Point Total									NC					1.27E+00
	Exposure Medium Total										NC					1.27E+00
	Ambient Air	On-Site	Inhalation	Copper	5.05E+03	mg/kg	1.88E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.32E-04	mg/m^3	--	mg/m^3	NC
				Manganese	4.15E+03	mg/kg	1.55E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.08E-04	mg/m^3	5.00E-05	mg/m^3	2.17E+00
				Nickel	1.48E+03	mg/kg	5.53E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.44E-07	3.87E-05	mg/m^3	9.00E-05	mg/m^3	4.30E-01
			Exp. Route Total								1.44E-07					2.60E+00
		Exposure Point Total									1.44E-07					2.60E+00
	Exposure Medium Total										1.44E-07					2.60E+00
Medium Total											1.44E-07					3.86E+00
				Total of Receptor Risks Across All Media							**1.4E-07**	**Total of Receptor Hazards Across All Media**				**3.9E+00**

Note:

NC = Not Calculated

TABLE 5.5.25

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
SOUTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	3.58E+04	mg/kg	6.17E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.32E-03	mg/kg-d	4.00E-02	mg/kg-d	1.08E-01
				Manganese	1.40E+03	mg/kg	2.40E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.68E-04	mg/kg-d	2.40E-02	mg/kg-d	7.01E-03
				Nickel	5.16E+03	mg/kg	8.90E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.23E-04	mg/kg-d	2.00E-02	mg/kg-d	3.11E-02
			Exp. Route Total								NC					1.46E-01
			Dermal	Copper	3.58E+04	mg/kg	9.62E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.73E-06	mg/kg-d	4.00E-02	mg/kg-d	1.68E-04
				Manganese	1.40E+03	mg/kg	3.75E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.62E-07	mg/kg-d	9.60E-04	mg/kg-d	2.73E-04
				Nickel	5.16E+03	mg/kg	1.39E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.71E-07	mg/kg-d	8.00E-04	mg/kg-d	1.21E-03
			Exp. Route Total								NC					1.66E-03
		Exposure Point Total									NC					1.48E-01
	Exposure Medium Total										NC					1.48E-01
	Ambient Air	On-Site	Inhalation	Copper	3.58E+04	mg/kg	2.69E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.88E-07	mg/m^3	--	mg/m^3	NC
				Manganese	1.40E+03	mg/kg	1.05E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	7.32E-09	mg/m^3	5.00E-05	mg/m^3	1.46E-04
				Nickel	5.16E+03	mg/kg	3.87E-09	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.01E-09	2.71E-08	mg/m^3	9.00E-05	mg/m^3	3.01E-04
			Exp. Route Total								1.01E-09					4.48E-04
		Exposure Point Total									1.01E-09					4.48E-04
	Exposure Medium Total										1.01E-09					4.48E-04
Medium Total											1.01E-09					1.48E-01
							Total of Receptor Risks Across All Media				**1.0E-09**	**Total of Receptor Hazards Across All Media**				**1.5E-01**

Note:

NC = Not Calculated

TABLE 5.5.26

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	3.58E+04	mg/kg	1.23E-03	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	8.63E-03	mg/kg-d	4.00E-02	mg/kg-d	2.16E-01
				Manganese	1.40E+03	mg/kg	4.81E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.36E-04	mg/kg-d	2.40E-02	mg/kg-d	1.40E-02
				Nickel	5.16E+03	mg/kg	1.78E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.25E-03	mg/kg-d	2.00E-02	mg/kg-d	6.23E-02
			Exp. Route Total								NC					2.92E-01
			Dermal	Copper	3.58E+04	mg/kg	9.62E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	6.73E-05	mg/kg-d	4.00E-02	mg/kg-d	1.68E-03
				Manganese	1.40E+03	mg/kg	3.75E-07	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	2.62E-06	mg/kg-d	9.60E-04	mg/kg-d	2.73E-03
				Nickel	5.16E+03	mg/kg	1.39E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	9.71E-06	mg/kg-d	8.00E-04	mg/kg-d	1.21E-02
			Exp. Route Total								NC					1.66E-02
		Exposure Point Total									NC					3.09E-01
	Exposure Medium Total										NC					3.09E-01
	Ambient Air	On-Site	Inhalation	Copper	3.58E+04	mg/kg	1.07E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	7.52E-07	mg/m^3	--	mg/m^3	NC
				Manganese	1.40E+03	mg/kg	4.19E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.93E-08	mg/m^3	5.00E-05	mg/m^3	5.86E-04
				Nickel	5.16E+03	mg/kg	1.55E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	4.03E-09	1.08E-07	mg/m^3	9.00E-05	mg/m^3	1.21E-03
			Exp. Route Total								4.03E-09					1.79E-03
		Exposure Point Total									4.03E-09					1.79E-03
	Exposure Medium Total										4.03E-09					1.79E-03
Medium Total											4.03E-09					3.10E-01
							Total of Receptor Risks Across All Media				**4.0E-09**	**Total of Receptor Hazards Across All Media**				**3.1E-01**

Note:

NC = Not Calculated

TABLE 5.5.27

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	3.58E+04	mg/kg	3.94E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.07E-02	mg/kg-d	4.00E-02	mg/kg-d	7.67E-01
				Manganese	1.40E+03	mg/kg	1.54E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.20E-03	mg/kg-d	2.40E-02	mg/kg-d	4.98E-02
				Nickel	5.16E+03	mg/kg	5.69E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.43E-03	mg/kg-d	2.00E-02	mg/kg-d	2.21E-01
			Exp. Route Total								NC					1.04E+00
			Dermal	Copper	3.58E+04	mg/kg	2.60E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.03E-05	mg/kg-d	4.00E-02	mg/kg-d	5.06E-04
				Manganese	1.40E+03	mg/kg	1.01E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.89E-07	mg/kg-d	9.60E-04	mg/kg-d	8.22E-04
				Nickel	5.16E+03	mg/kg	3.76E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.92E-06	mg/kg-d	8.00E-04	mg/kg-d	3.65E-03
			Exp. Route Total								NC					4.98E-03
		Exposure Point Total									NC					1.04E+00
	Exposure Medium Total										NC					1.04E+00
	Ambient Air	On-Site	Inhalation	Copper	3.58E+04	mg/kg	9.96E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	7.75E-06	mg/m^3	--	mg/m^3	NC
				Manganese	1.40E+03	mg/kg	3.88E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.02E-07	mg/m^3	5.00E-05	mg/m^3	6.04E-03
				Nickel	5.16E+03	mg/kg	1.44E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.74E-08	1.12E-06	mg/m^3	9.00E-05	mg/m^3	1.24E-02
			Exp. Route Total								3.74E-08					1.85E-02
		Exposure Point Total									3.74E-08					1.85E-02
	Exposure Medium Total										3.74E-08					1.85E-02
Medium Total											3.74E-08					1.06E+00
				Total of Receptor Risks Across All Media							**3.7E-08**	**Total of Receptor Hazards Across All Media**				**1.1E+00**

Note:

NC = Not Calculated

TABLE 5.5.28

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	3.58E+04	mg/kg	1.25E-02	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.50E-02	mg/kg-d	4.00E-02	mg/kg-d	8.76E-01
				Manganese	1.40E+03	mg/kg	4.87E-04	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	1.36E-03	mg/kg-d	2.40E-02	mg/kg-d	5.69E-02
				Nickel	5.16E+03	mg/kg	1.80E-03	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	5.05E-03	mg/kg-d	2.00E-02	mg/kg-d	2.53E-01
			Exp. Route Total								NC					1.19E+00
			Dermal	Copper	3.58E+04	mg/kg	8.26E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	2.31E-04	mg/kg-d	4.00E-02	mg/kg-d	5.78E-03
				Manganese	1.40E+03	mg/kg	3.22E-06	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	9.01E-06	mg/kg-d	9.60E-04	mg/kg-d	9.38E-03
				Nickel	5.16E+03	mg/kg	1.19E-05	mg/kg-d	--	$(mg/kg-d)^{-1}$	NC	3.33E-05	mg/kg-d	8.00E-04	mg/kg-d	4.17E-02
			Exp. Route Total								NC					5.68E-02
		Exposure Point Total									NC					1.24E+00
	Exposure Medium Total										NC					1.24E+00
	Ambient Air	On-Site	Inhalation	Copper	3.58E+04	mg/kg	3.16E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.84E-06	mg/m^3	--	mg/m^3	NC
				Manganese	1.40E+03	mg/kg	1.23E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.45E-07	mg/m^3	5.00E-05	mg/m^3	6.89E-03
				Nickel	5.16E+03	mg/kg	4.56E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.18E-07	1.28E-06	mg/m^3	9.00E-05	mg/m^3	1.42E-02
			Exp. Route Total								1.18E-07					2.11E-02
		Exposure Point Total									1.18E-07					2.11E-02
	Exposure Medium Total										1.18E-07					2.11E-02
Medium Total											1.18E-07					1.26E+00
							Total of Receptor Risks Across All Media				**1.2E-07**	**Total of Receptor Hazards Across All Media**				**1.3E+00**

Note:

NC = Not Calculated

TABLE 5.5.29

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	3.58E+04	mg/kg	7.93E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.55E-02	mg/kg-d	4.00E-02	mg/kg-d	1.39E+00
				Manganese	1.40E+03	mg/kg	3.09E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.16E-03	mg/kg-d	2.40E-02	mg/kg-d	9.01E-02
				Nickel	5.16E+03	mg/kg	1.14E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.00E-03	mg/kg-d	2.00E-02	mg/kg-d	4.00E-01
			Exp. Route Total								NC					1.88E+00
			Dermal	Copper	3.58E+04	mg/kg	7.93E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.55E-05	mg/kg-d	4.00E-02	mg/kg-d	1.39E-03
				Manganese	1.40E+03	mg/kg	3.09E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.16E-06	mg/kg-d	9.60E-04	mg/kg-d	2.25E-03
				Nickel	5.16E+03	mg/kg	1.14E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.00E-06	mg/kg-d	8.00E-04	mg/kg-d	1.00E-02
			Exp. Route Total								NC					1.36E-02
		Exposure Point Total									NC					1.89E+00
	Exposure Medium Total										NC					1.89E+00
	Ambient Air	On-Site	Inhalation	Copper	3.58E+04	mg/kg	6.40E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.48E-04	mg/m^3	--	mg/m^3	NC
				Manganese	1.40E+03	mg/kg	2.49E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.75E-05	mg/m^3	5.00E-05	mg/m^3	3.49E-01
				Nickel	5.16E+03	mg/kg	9.23E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	2.40E-07	6.46E-05	mg/m^3	9.00E-05	mg/m^3	7.18E-01
			Exp. Route Total								2.40E-07					1.07E+00
		Exposure Point Total									2.40E-07					1.07E+00
	Exposure Medium Total										2.40E-07					1.07E+00
Medium Total											2.40E-07					2.96E+00
				Total of Receptor Risks Across All Media							**2.4E-07**	**Total of Receptor Hazards Across All Media**				**3.0E+00**

Note:

NC = Not Calculated

TABLE 5.5.30

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	3.58E+04	mg/kg	1.65E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.16E-01	mg/kg-d	4.00E-02	mg/kg-d	2.89E+00
				Manganese	1.40E+03	mg/kg	6.43E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.50E-03	mg/kg-d	2.40E-02	mg/kg-d	1.88E-01
				Nickel	5.16E+03	mg/kg	2.38E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.67E-02	mg/kg-d	2.00E-02	mg/kg-d	8.34E-01
			Exp. Route Total								NC					3.91E+00
			Dermal	Copper	3.58E+04	mg/kg	4.95E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.47E-04	mg/kg-d	4.00E-02	mg/kg-d	8.67E-03
				Manganese	1.40E+03	mg/kg	1.93E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.35E-05	mg/kg-d	9.60E-04	mg/kg-d	1.41E-02
				Nickel	5.16E+03	mg/kg	7.15E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.00E-05	mg/kg-d	8.00E-04	mg/kg-d	6.25E-02
			Exp. Route Total								NC					8.53E-02
		Exposure Point Total									NC					4.00E+00
	Exposure Medium Total										NC					4.00E+00
	Ambient Air	On-Site	Inhalation	Copper	3.58E+04	mg/kg	1.33E-05	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.33E-04	mg/m^3	--	mg/m^3	NC
				Manganese	1.40E+03	mg/kg	5.19E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.64E-05	mg/m^3	5.00E-05	mg/m^3	7.27E-01
				Nickel	5.16E+03	mg/kg	1.92E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	5.00E-07	1.35E-04	mg/m^3	9.00E-05	mg/m^3	1.50E+00
			Exp. Route Total								5.00E-07					2.22E+00
		Exposure Point Total									5.00E-07					2.22E+00
	Exposure Medium Total										5.00E-07					2.22E+00
Medium Total											5.00E-07					6.22E+00
							Total of Receptor Risks Across All Media				**5.0E-07**	**Total of Receptor Hazards Across All Media**				**6.2E+00**

Note:

NC = Not Calculated

TABLE 5.5.31

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
NORTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	Exposure Medium	Exposure Point	Exposure Route	Chemicals of Potential Concern (COPCs)	EPC Value	EPC Units	Cancer Risk Calculations: Intake/Exposure Concentration Value	Intake/Exposure Concentration Units	CSF/Unit Risk Value	CSF/Unit Risk Units	Cancer Risk	Non-Cancer Hazard Calculations: Intake/Exposure Concentration Value	Intake/Exposure Concentration Units	RfD/RfC Value	RfD/RfC Units	Hazard Quotient
Soil	Soil	On-Site	Ingestion	Cobalt	1.84E+01	mg/kg	3.17E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.22E-06	mg/kg-d	3.00E-04	mg/kg-d	7.40E-03
				Copper	1.83E+04	mg/kg	3.14E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.20E-03	mg/kg-d	4.00E-02	mg/kg-d	5.50E-02
				Nickel	4.94E+03	mg/kg	8.50E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.95E-04	mg/kg-d	2.00E-02	mg/kg-d	2.98E-02
				Zinc	4.02E+04	mg/kg	6.92E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.84E-03	mg/kg-d	3.00E-01	mg/kg-d	1.61E-02
			Exp. Route Total								NC					1.08E-01
			Dermal	Cobalt	1.84E+01	mg/kg	4.94E-10	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.46E-09	mg/kg-d	3.00E-04	mg/kg-d	1.15E-05
				Copper	1.83E+04	mg/kg	4.90E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.43E-06	mg/kg-d	4.00E-02	mg/kg-d	8.58E-05
				Nickel	4.94E+03	mg/kg	1.33E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.29E-07	mg/kg-d	8.00E-04	mg/kg-d	1.16E-03
				Zinc	4.02E+04	mg/kg	1.08E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.55E-06	mg/kg-d	3.00E-01	mg/kg-d	2.52E-05
			Exp. Route Total								NC					1.28E-03
		Exposure Point Total									NC					1.10E-01
	Exposure Medium Total										NC					1.10E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.84E+01	mg/kg	1.38E-11	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.66E-11	mg/m^3	6.00E-06	mg/m^3	1.61E-05
				Copper	1.83E+04	mg/kg	1.37E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.58E-08	mg/m^3	--	mg/m^3	NC
				Nickel	4.94E+03	mg/kg	3.70E-09	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	9.63E-10	2.59E-08	mg/m^3	9.00E-05	mg/m^3	2.88E-04
				Zinc	4.02E+04	mg/kg	3.01E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.11E-07	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								9.63E-10					3.04E-04
		Exposure Point Total									9.63E-10					3.04E-04
	Exposure Medium Total										9.63E-10					3.04E-04
Medium Total											9.63E-10					1.10E-01
							Total of Receptor Risks Across All Media				**9.6E-10**	**Total of Receptor Hazards Across All Media**				**1.1E-01**

Note:

NC = Not Calculated

TABLE 5.5.32

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.84E+01	mg/kg	6.34E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.44E-06	mg/kg-d	3.00E-04	mg/kg-d	1.48E-02
				Copper	1.83E+04	mg/kg	6.29E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.40E-03	mg/kg-d	4.00E-02	mg/kg-d	1.10E-01
				Nickel	4.94E+03	mg/kg	1.70E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.19E-03	mg/kg-d	2.00E-02	mg/kg-d	5.95E-02
				Zinc	4.02E+04	mg/kg	1.38E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.68E-03	mg/kg-d	3.00E-01	mg/kg-d	3.23E-02
			Exp. Route Total								NC					2.17E-01
			Dermal	Cobalt	1.84E+01	mg/kg	4.94E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.46E-08	mg/kg-d	3.00E-04	mg/kg-d	1.15E-04
				Copper	1.83E+04	mg/kg	4.90E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.43E-05	mg/kg-d	4.00E-02	mg/kg-d	8.58E-04
				Nickel	4.94E+03	mg/kg	1.33E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	9.29E-06	mg/kg-d	8.00E-04	mg/kg-d	1.16E-02
				Zinc	4.02E+04	mg/kg	1.08E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.55E-05	mg/kg-d	3.00E-01	mg/kg-d	2.52E-04
			Exp. Route Total								NC					1.28E-02
		Exposure Point Total									NC					2.29E-01
	Exposure Medium Total										NC					2.29E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.84E+01	mg/kg	5.52E-11	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.86E-10	mg/m^3	6.00E-06	mg/m^3	6.44E-05
				Copper	1.83E+04	mg/kg	5.48E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.83E-07	mg/m^3	--	mg/m^3	NC
				Nickel	4.94E+03	mg/kg	1.48E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.85E-09	1.04E-07	mg/m^3	9.00E-05	mg/m^3	1.15E-03
				Zinc	4.02E+04	mg/kg	1.20E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.43E-07	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								3.85E-09					1.22E-03
		Exposure Point Total									3.85E-09					1.22E-03
	Exposure Medium Total										3.85E-09					1.22E-03
Medium Total											3.85E-09					2.31E-01
							Total of Receptor Risks Across All Media				**3.9E-09**	**Total of Receptor Hazards Across All Media**				**2.3E-01**

Note:

NC = Not Calculated

TABLE 5.5.33

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
NORTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.84E+01	mg/kg	2.03E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.58E-05	mg/kg-d	3.00E-04	mg/kg-d	5.26E-02
				Copper	1.83E+04	mg/kg	2.01E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.56E-02	mg/kg-d	4.00E-02	mg/kg-d	3.91E-01
				Nickel	4.94E+03	mg/kg	5.44E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.23E-03	mg/kg-d	2.00E-02	mg/kg-d	2.12E-01
				Zinc	4.02E+04	mg/kg	4.42E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.44E-02	mg/kg-d	3.00E-01	mg/kg-d	1.15E-01
			Exp. Route Total								NC					7.70E-01
			Dermal	Cobalt	1.84E+01	mg/kg	1.34E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.04E-08	mg/kg-d	3.00E-04	mg/kg-d	3.47E-05
				Copper	1.83E+04	mg/kg	1.33E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.03E-05	mg/kg-d	4.00E-02	mg/kg-d	2.58E-04
				Nickel	4.94E+03	mg/kg	3.59E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.79E-06	mg/kg-d	8.00E-04	mg/kg-d	3.49E-03
				Zinc	4.02E+04	mg/kg	2.92E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.27E-05	mg/kg-d	3.00E-01	mg/kg-d	7.57E-05
			Exp. Route Total								NC					3.86E-03
		Exposure Point Total									NC					7.74E-01
	Exposure Medium Total										NC					7.74E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.84E+01	mg/kg	5.12E-10	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.98E-09	mg/m^3	6.00E-06	mg/m^3	6.64E-04
				Copper	1.83E+04	mg/kg	5.08E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.95E-06	mg/m^3	--	mg/m^3	NC
				Nickel	4.94E+03	mg/kg	1.37E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.57E-08	1.07E-06	mg/m^3	9.00E-05	mg/m^3	1.19E-02
				Zinc	4.02E+04	mg/kg	1.12E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	8.69E-06	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								3.57E-08					1.25E-02
		Exposure Point Total									3.57E-08					1.25E-02
	Exposure Medium Total										3.57E-08					1.25E-02
Medium Total											3.57E-08					7.86E-01
							Total of Receptor Risks Across All Media				**3.6E-08**	**Total of Receptor Hazards Across All Media**				**7.9E-01**

Note:

NC = Not Calculated

TABLE 5.5.34

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.84E+01	mg/kg	6.43E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.80E-05	mg/kg-d	3.00E-04	mg/kg-d	6.00E-02
				Copper	1.83E+04	mg/kg	6.38E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.79E-02	mg/kg-d	4.00E-02	mg/kg-d	4.46E-01
				Nickel	4.94E+03	mg/kg	1.73E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.83E-03	mg/kg-d	2.00E-02	mg/kg-d	2.42E-01
				Zinc	4.02E+04	mg/kg	1.40E-02	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.93E-02	mg/kg-d	3.00E-01	mg/kg-d	1.31E-01
			Exp. Route Total								NC					8.79E-01
			Dermal	Cobalt	1.84E+01	mg/kg	4.24E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.19E-07	mg/kg-d	3.00E-04	mg/kg-d	3.96E-04
				Copper	1.83E+04	mg/kg	4.21E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.18E-04	mg/kg-d	4.00E-02	mg/kg-d	2.95E-03
				Nickel	4.94E+03	mg/kg	1.14E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.19E-05	mg/kg-d	8.00E-04	mg/kg-d	3.99E-02
				Zinc	4.02E+04	mg/kg	9.26E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.59E-04	mg/kg-d	3.00E-01	mg/kg-d	8.64E-04
			Exp. Route Total								NC					4.41E-02
		Exposure Point Total									NC					9.23E-01
	Exposure Medium Total										NC					9.23E-01
	Ambient Air	On-Site	Inhalation	Cobalt	1.84E+01	mg/kg	1.62E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.55E-09	mg/m^3	6.00E-06	mg/m^3	7.58E-04
				Copper	1.83E+04	mg/kg	1.61E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.51E-06	mg/m^3	--	mg/m^3	NC
				Nickel	4.94E+03	mg/kg	4.36E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.13E-07	1.22E-06	mg/m^3	9.00E-05	mg/m^3	1.36E-02
				Zinc	4.02E+04	mg/kg	3.54E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.92E-06	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								1.13E-07					1.43E-02
		Exposure Point Total									1.13E-07					1.43E-02
	Exposure Medium Total										1.13E-07					1.43E-02
Medium Total											1.13E-07					9.37E-01
							Total of Receptor Risks Across All Media				**1.1E-07**	**Total of Receptor Hazards Across All Media**				**9.4E-01**

Note:

NC = Not Calculated

TABLE 5.5.35

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
NORTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.84E+01	mg/kg	4.07E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.85E-05	mg/kg-d	3.00E-04	mg/kg-d	9.51E-02
				Copper	1.83E+04	mg/kg	4.04E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.83E-02	mg/kg-d	4.00E-02	mg/kg-d	7.07E-01
				Nickel	4.94E+03	mg/kg	1.09E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.65E-03	mg/kg-d	2.00E-02	mg/kg-d	3.83E-01
				Zinc	4.02E+04	mg/kg	8.89E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.22E-02	mg/kg-d	3.00E-01	mg/kg-d	2.07E-01
			Exp. Route Total								NC					1.39E+00
			Dermal	Cobalt	1.84E+01	mg/kg	4.07E-10	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.85E-08	mg/kg-d	3.00E-04	mg/kg-d	9.51E-05
				Copper	1.83E+04	mg/kg	4.04E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.83E-05	mg/kg-d	4.00E-02	mg/kg-d	7.07E-04
				Nickel	4.94E+03	mg/kg	1.09E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.65E-06	mg/kg-d	8.00E-04	mg/kg-d	9.56E-03
				Zinc	4.02E+04	mg/kg	8.89E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.22E-05	mg/kg-d	3.00E-01	mg/kg-d	2.07E-04
			Exp. Route Total								NC					1.06E-02
		Exposure Point Total									NC					1.40E+00
	Exposure Medium Total										NC					1.40E+00
	Ambient Air	On-Site	Inhalation	Cobalt	1.84E+01	mg/kg	3.29E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.30E-07	mg/m^3	6.00E-06	mg/m^3	3.84E-02
				Copper	1.83E+04	mg/kg	3.26E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.28E-04	mg/m^3	--	mg/m^3	NC
				Nickel	4.94E+03	mg/kg	8.82E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	2.29E-07	6.18E-05	mg/m^3	9.00E-05	mg/m^3	6.86E-01
				Zinc	4.02E+04	mg/kg	7.18E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.02E-04	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								2.29E-07					7.25E-01
		Exposure Point Total									2.29E-07					7.25E-01
	Exposure Medium Total										2.29E-07					7.25E-01
Medium Total											2.29E-07					2.13E+00
Total of Receptor Risks Across All Media											**2.3E-07**	**Total of Receptor Hazards Across All Media**				**2.1E+00**

Note:

NC = Not Calculated

TABLE 5.5.36

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Cobalt	1.84E+01	mg/kg	8.49E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.94E-05	mg/kg-d	3.00E-04	mg/kg-d	1.98E-01
				Copper	1.83E+04	mg/kg	8.42E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.89E-02	mg/kg-d	4.00E-02	mg/kg-d	1.47E+00
				Nickel	4.94E+03	mg/kg	2.28E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.59E-02	mg/kg-d	2.00E-02	mg/kg-d	7.97E-01
				Zinc	4.02E+04	mg/kg	1.85E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.30E-01	mg/kg-d	3.00E-01	mg/kg-d	4.32E-01
			Exp. Route Total								NC					2.90E+00
			Dermal	Cobalt	1.84E+01	mg/kg	2.55E-09	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.78E-07	mg/kg-d	3.00E-04	mg/kg-d	5.94E-04
				Copper	1.83E+04	mg/kg	2.53E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.77E-04	mg/kg-d	4.00E-02	mg/kg-d	4.42E-03
				Nickel	4.94E+03	mg/kg	6.83E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.78E-05	mg/kg-d	8.00E-04	mg/kg-d	5.98E-02
				Zinc	4.02E+04	mg/kg	5.56E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.89E-04	mg/kg-d	3.00E-01	mg/kg-d	1.30E-03
			Exp. Route Total								NC					6.61E-02
		Exposure Point Total									NC					2.97E+00
	Exposure Medium Total										NC					2.97E+00
	Ambient Air	On-Site	Inhalation	Cobalt	1.84E+01	mg/kg	6.85E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.80E-07	mg/m^3	6.00E-06	mg/m^3	7.99E-02
				Copper	1.83E+04	mg/kg	6.80E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.76E-04	mg/m^3	--	mg/m^3	NC
				Nickel	4.94E+03	mg/kg	1.84E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	4.78E-07	1.29E-04	mg/m^3	9.00E-05	mg/m^3	1.43E+00
				Zinc	4.02E+04	mg/kg	1.49E-05	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.05E-03	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								4.78E-07					1.51E+00
		Exposure Point Total									4.78E-07					1.51E+00
	Exposure Medium Total										4.78E-07					1.51E+00
Medium Total											4.78E-07					4.48E+00
							Total of Receptor Risks Across All Media				**4.8E-07**	**Total of Receptor Hazards Across All Media**				**4.5E+00**

Note:

NC = Not Calculated

TABLE 5.5.37

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
FORMER FUEL OIL TANK AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	2.07E+04	mg/kg	3.57E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.50E-03	mg/kg-d	4.00E-02	mg/kg-d	6.24E-02
				Manganese	1.17E+03	mg/kg	2.02E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.41E-04	mg/kg-d	2.40E-02	mg/kg-d	5.89E-03
				Nickel	5.38E+03	mg/kg	9.26E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.48E-04	mg/kg-d	2.00E-02	mg/kg-d	3.24E-02
				Zinc	1.83E+04	mg/kg	3.15E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.21E-03	mg/kg-d	3.00E-01	mg/kg-d	7.36E-03
			Exp. Route Total								NC					1.08E-01
			Dermal	Copper	2.07E+04	mg/kg	5.56E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.90E-06	mg/kg-d	4.00E-02	mg/kg-d	9.74E-05
				Manganese	1.17E+03	mg/kg	3.15E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.21E-07	mg/kg-d	9.60E-04	mg/kg-d	2.30E-04
				Nickel	5.38E+03	mg/kg	1.44E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.01E-06	mg/kg-d	8.00E-04	mg/kg-d	1.26E-03
				Zinc	1.83E+04	mg/kg	4.92E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.44E-06	mg/kg-d	3.00E-01	mg/kg-d	1.15E-05
			Exp. Route Total								NC					1.60E-03
		Exposure Point Total									NC					1.10E-01
	Exposure Medium Total										NC					1.10E-01
	Ambient Air	On-Site	Inhalation	Copper	2.07E+04	mg/kg	1.55E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.09E-07	mg/m^3	--	mg/m^3	NC
				Manganese	1.17E+03	mg/kg	8.80E-10	mg/m^3	--	$(mg/m^3)^{-1}$	NC	6.16E-09	mg/m^3	5.00E-05	mg/m^3	1.23E-04
				Nickel	5.38E+03	mg/kg	4.03E-09	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.05E-09	2.82E-08	mg/m^3	9.00E-05	mg/m^3	3.14E-04
				Zinc	1.83E+04	mg/kg	1.37E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	9.61E-08	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								1.05E-09					4.37E-04
		Exposure Point Total									1.05E-09					4.37E-04
	Exposure Medium Total										1.05E-09					4.37E-04
Medium Total											1.05E-09					1.10E-01
Total of Receptor Risks Across All Media											**1.0E-09**	**Total of Receptor Hazards Across All Media**				**1.1E-01**

Note:

NC = Not Calculated

TABLE 5.5.38

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR TRESPASSER
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	2.07E+04	mg/kg	7.13E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.99E-03	mg/kg-d	4.00E-02	mg/kg-d	1.25E-01
				Manganese	1.17E+03	mg/kg	4.04E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.83E-04	mg/kg-d	2.40E-02	mg/kg-d	1.18E-02
				Nickel	5.38E+03	mg/kg	1.85E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.30E-03	mg/kg-d	2.00E-02	mg/kg-d	6.48E-02
				Zinc	1.83E+04	mg/kg	6.31E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.41E-03	mg/kg-d	3.00E-01	mg/kg-d	1.47E-02
			Exp. Route Total								NC					2.16E-01
			Dermal	Copper	2.07E+04	mg/kg	5.56E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.90E-05	mg/kg-d	4.00E-02	mg/kg-d	9.74E-04
				Manganese	1.17E+03	mg/kg	3.15E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.21E-06	mg/kg-d	9.60E-04	mg/kg-d	2.30E-03
				Nickel	5.38E+03	mg/kg	1.44E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.01E-05	mg/kg-d	8.00E-04	mg/kg-d	1.26E-02
				Zinc	1.83E+04	mg/kg	4.92E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.44E-05	mg/kg-d	3.00E-01	mg/kg-d	1.15E-04
			Exp. Route Total								NC					1.60E-02
		Exposure Point Total									NC					2.32E-01
	Exposure Medium Total										NC					2.32E-01
	Ambient Air	On-Site	Inhalation	Copper	2.07E+04	mg/kg	6.21E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.35E-07	mg/m^3	--	mg/m^3	NC
				Manganese	1.17E+03	mg/kg	3.52E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.46E-08	mg/m^3	5.00E-05	mg/m^3	4.93E-04
				Nickel	5.38E+03	mg/kg	1.61E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	4.19E-09	1.13E-07	mg/m^3	9.00E-05	mg/m^3	1.25E-03
				Zinc	1.83E+04	mg/kg	5.49E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.84E-07	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								4.19E-09					1.75E-03
		Exposure Point Total									4.19E-09					1.75E-03
	Exposure Medium Total										4.19E-09					1.75E-03
Medium Total											4.19E-09					2.34E-01
							Total of Receptor Risks Across All Media				**4.2E-09**	**Total of Receptor Hazards Across All Media**				**2.3E-01**

Note:

NC = Not Calculated

TABLE 5.5.39

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
FORMER FUEL OIL TANK AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	2.07E+04	mg/kg	2.28E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.77E-02	mg/kg-d	4.00E-02	mg/kg-d	4.44E-01
				Manganese	1.17E+03	mg/kg	1.29E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.01E-03	mg/kg-d	2.40E-02	mg/kg-d	4.19E-02
				Nickel	5.38E+03	mg/kg	5.92E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	4.61E-03	mg/kg-d	2.00E-02	mg/kg-d	2.30E-01
				Zinc	1.83E+04	mg/kg	2.02E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.57E-02	mg/kg-d	3.00E-01	mg/kg-d	5.23E-02
			Exp. Route Total								NC					7.68E-01
			Dermal	Copper	2.07E+04	mg/kg	1.51E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.17E-05	mg/kg-d	4.00E-02	mg/kg-d	2.93E-04
				Manganese	1.17E+03	mg/kg	8.53E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.64E-07	mg/kg-d	9.60E-04	mg/kg-d	6.91E-04
				Nickel	5.38E+03	mg/kg	3.91E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.04E-06	mg/kg-d	8.00E-04	mg/kg-d	3.80E-03
				Zinc	1.83E+04	mg/kg	1.33E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.04E-05	mg/kg-d	3.00E-01	mg/kg-d	3.45E-05
			Exp. Route Total								NC					4.82E-03
		Exposure Point Total									NC					7.73E-01
	Exposure Medium Total										NC					7.73E-01
	Ambient Air	On-Site	Inhalation	Copper	2.07E+04	mg/kg	5.76E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.48E-06	mg/m^3	--	mg/m^3	NC
				Manganese	1.17E+03	mg/kg	3.26E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.54E-07	mg/m^3	5.00E-05	mg/m^3	5.08E-03
				Nickel	5.38E+03	mg/kg	1.50E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	3.89E-08	1.16E-06	mg/m^3	9.00E-05	mg/m^3	1.29E-02
				Zinc	1.83E+04	mg/kg	5.09E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.96E-06	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								3.89E-08					1.80E-02
		Exposure Point Total									3.89E-08					1.80E-02
	Exposure Medium Total										3.89E-08					1.80E-02
Medium Total											3.89E-08					7.91E-01
							Total of Receptor Risks Across All Media				**3.9E-08**	**Total of Receptor Hazards Across All Media**				**7.9E-01**

Note:

NC = Not Calculated

TABLE 5.5.40

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	2.07E+04	mg/kg	7.24E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.03E-02	mg/kg-d	4.00E-02	mg/kg-d	5.07E-01
				Manganese	1.17E+03	mg/kg	4.10E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.15E-03	mg/kg-d	2.40E-02	mg/kg-d	4.78E-02
				Nickel	5.38E+03	mg/kg	1.88E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.26E-03	mg/kg-d	2.00E-02	mg/kg-d	2.63E-01
				Zinc	1.83E+04	mg/kg	6.40E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.79E-02	mg/kg-d	3.00E-01	mg/kg-d	5.97E-02
			Exp. Route Total								NC					8.77E-01
			Dermal	Copper	2.07E+04	mg/kg	4.78E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.34E-04	mg/kg-d	4.00E-02	mg/kg-d	3.34E-03
				Manganese	1.17E+03	mg/kg	2.71E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	7.58E-06	mg/kg-d	9.60E-04	mg/kg-d	7.89E-03
				Nickel	5.38E+03	mg/kg	1.24E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.47E-05	mg/kg-d	8.00E-04	mg/kg-d	4.34E-02
				Zinc	1.83E+04	mg/kg	4.22E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.18E-04	mg/kg-d	3.00E-01	mg/kg-d	3.94E-04
			Exp. Route Total								NC					5.50E-02
		Exposure Point Total									NC					9.32E-01
	Exposure Medium Total										NC					9.32E-01
	Ambient Air	On-Site	Inhalation	Copper	2.07E+04	mg/kg	1.83E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.12E-06	mg/m^3	--	mg/m^3	NC
				Manganese	1.17E+03	mg/kg	1.04E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.90E-07	mg/m^3	5.00E-05	mg/m^3	5.80E-03
				Nickel	5.38E+03	mg/kg	4.74E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	1.23E-07	1.33E-06	mg/m^3	9.00E-05	mg/m^3	1.48E-02
				Zinc	1.83E+04	mg/kg	1.61E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.52E-06	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								1.23E-07					2.06E-02
		Exposure Point Total									1.23E-07					2.06E-02
	Exposure Medium Total										1.23E-07					2.06E-02
Medium Total											1.23E-07					9.53E-01
							Total of Receptor Risks Across All Media				**1.2E-07**	**Total of Receptor Hazards Across All Media**				**9.5E-01**

Note:

NC = Not Calculated

TABLE 5.5.41

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
FORMER FUEL OIL TANK AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	2.07E+04	mg/kg	4.58E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.21E-02	mg/kg-d	4.00E-02	mg/kg-d	8.02E-01
				Manganese	1.17E+03	mg/kg	2.60E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.82E-03	mg/kg-d	2.40E-02	mg/kg-d	7.58E-02
				Nickel	5.38E+03	mg/kg	1.19E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.33E-03	mg/kg-d	2.00E-02	mg/kg-d	4.17E-01
				Zinc	1.83E+04	mg/kg	4.05E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.84E-02	mg/kg-d	3.00E-01	mg/kg-d	9.45E-02
			Exp. Route Total								NC					1.39E+00
			Dermal	Copper	2.07E+04	mg/kg	4.58E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.21E-05	mg/kg-d	4.00E-02	mg/kg-d	8.02E-04
				Manganese	1.17E+03	mg/kg	2.60E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.82E-06	mg/kg-d	9.60E-04	mg/kg-d	1.89E-03
				Nickel	5.38E+03	mg/kg	1.19E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.33E-06	mg/kg-d	8.00E-04	mg/kg-d	1.04E-02
				Zinc	1.83E+04	mg/kg	4.05E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.84E-05	mg/kg-d	3.00E-01	mg/kg-d	9.45E-05
			Exp. Route Total								NC					1.32E-02
		Exposure Point Total									NC					1.40E+00
	Exposure Medium Total										NC					1.40E+00
	Ambient Air	On-Site	Inhalation	Copper	2.07E+04	mg/kg	3.70E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.59E-04	mg/m^3	--	mg/m^3	NC
				Manganese	1.17E+03	mg/kg	2.10E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	1.47E-05	mg/m^3	5.00E-05	mg/m^3	2.93E-01
				Nickel	5.38E+03	mg/kg	9.61E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	2.50E-07	6.73E-05	mg/m^3	9.00E-05	mg/m^3	7.47E-01
				Zinc	1.83E+04	mg/kg	3.27E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	2.29E-04	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								2.50E-07					1.04E+00
		Exposure Point Total									2.50E-07					1.04E+00
	Exposure Medium Total										2.50E-07					1.04E+00
Medium Total											2.50E-07					2.44E+00
Total of Receptor Risks Across All Media											**2.5E-07**	**Total of Receptor Hazards Across All Media**				**2.4E+00**

Note:

NC = Not Calculated

TABLE 5.5.42

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR CONSTRUCTION/ UTILITY WORKER
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Soil	Soil	On-Site	Ingestion	Copper	2.07E+04	mg/kg	9.55E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	6.69E-02	mg/kg-d	4.00E-02	mg/kg-d	1.67E+00
				Manganese	1.17E+03	mg/kg	5.41E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.79E-03	mg/kg-d	2.40E-02	mg/kg-d	1.58E-01
				Nickel	5.38E+03	mg/kg	2.48E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.74E-02	mg/kg-d	2.00E-02	mg/kg-d	8.68E-01
				Zinc	1.83E+04	mg/kg	8.44E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.91E-02	mg/kg-d	3.00E-01	mg/kg-d	1.97E-01
			Exp. Route Total								NC					2.89E+00
			Dermal	Copper	2.07E+04	mg/kg	2.87E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.01E-04	mg/kg-d	4.00E-02	mg/kg-d	5.01E-03
				Manganese	1.17E+03	mg/kg	1.62E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.14E-05	mg/kg-d	9.60E-04	mg/kg-d	1.18E-02
				Nickel	5.38E+03	mg/kg	7.44E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	5.21E-05	mg/kg-d	8.00E-04	mg/kg-d	6.51E-02
				Zinc	1.83E+04	mg/kg	2.53E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.77E-04	mg/kg-d	3.00E-01	mg/kg-d	5.91E-04
			Exp. Route Total								NC					8.25E-02
		Exposure Point Total									NC					2.98E+00
	Exposure Medium Total										NC					2.98E+00
	Ambient Air	On-Site	Inhalation	Copper	2.07E+04	mg/kg	7.71E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.40E-04	mg/m^3	--	mg/m^3	NC
				Manganese	1.17E+03	mg/kg	4.37E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.06E-05	mg/m^3	5.00E-05	mg/m^3	6.11E-01
				Nickel	5.38E+03	mg/kg	2.00E-06	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	5.20E-07	1.40E-04	mg/m^3	9.00E-05	mg/m^3	1.56E+00
				Zinc	1.83E+04	mg/kg	6.81E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.77E-04	mg/m^3	--	mg/m^3	NC
			Exp. Route Total								5.20E-07					2.17E+00
		Exposure Point Total									5.20E-07					2.17E+00
	Exposure Medium Total										5.20E-07					2.17E+00
Medium Total											5.20E-07					5.15E+00
Total of Receptor Risks Across All Media											**5.2E-07**	**Total of Receptor Hazards Across All Media**				**5.1E+00**

Note:

NC = Not Calculated

TABLE 5.5.43

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
OPEN BURN AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.1)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.1)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Manganese	NC	NC	NC	NC	central nervous system	6.87E-03	1.44E-04	2.68E-04	7.29E-03
			Chemical Total	NC	NC	NC	NC		6.87E-03	1.44E-04	2.68E-04	7.29E-03
		Exposure Point Total					NC					7.29E-03
	Exposure Medium Total						NC					7.29E-03
Medium Total							NC					7.29E-03
Total Risk Across All Media and All Exposure Routes							**NC**	**Total Hazard Index Across All Media and All Exposure Routes**				**7.3E-03**

Total Central Nervous System HI Across All Media = 7.29E-03

Note:

NC = Not Calculated

TABLE 5.5.44

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
OPEN BURN AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (1) (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.2)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.2)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Manganese	NC	NC	NC	NC	central nervous system	1.37E-02	5.75E-04	2.68E-03	1.70E-02
			Chemical Total	NC	NC	NC	NC		1.37E-02	5.75E-04	2.68E-03	1.70E-02
		Exposure Point Total					NC					1.70E-02
	Exposure Medium Total						NC					1.70E-02
Medium Total							NC					1.70E-02
			Total Risk Across All Media and All Exposure Routes				**NC**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.7E-02**

Total Central Nervous System HI Across All Media = 1.70E-02

Note:

NC = Not Calculated

TABLE 5.5.45

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
OPEN BURN AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (1) (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.3)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.3)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Manganese	NC	NC	NC	NC	central nervous system	4.89E-02	5.92E-03	8.06E-04	5.56E-02
			Chemical Total	NC	NC	NC	NC		4.89E-02	5.92E-03	8.06E-04	5.56E-02
		Exposure Point Total					NC					5.56E-02
	Exposure Medium Total						NC					5.56E-02
Medium Total							NC					5.56E-02
			Total Risk Across All Media and All Exposure Routes				**NC**	**Total Hazard Index Across All Media and All Exposure Routes**				**5.6E-02**

Total Central Nervous System HI Across All Media = 5.56E-02

Note:

NC = Not Calculated

TABLE 5.5.46

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
OPEN BURN AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.4)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.4)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Manganese	NC	NC	NC	NC	central nervous system	5.58E-02	6.76E-03	9.20E-03	7.17E-02
			Chemical Total	NC	NC	NC	NC		5.58E-02	6.76E-03	9.20E-03	7.17E-02
		Exposure Point Total					NC					7.17E-02
	Exposure Medium Total						NC					7.17E-02
Medium Total							NC					7.17E-02
			Total Risk Across All Media and All Exposure Routes				**NC**	**Total Hazard Index Across All Media and All Exposure Routes**				**7.2E-02**

Total Central Nervous System HI Across All Media = 7.17E-02

Note:

NC = Not Calculated

TABLE 5.5.47

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
OPEN BURN AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.5)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.5)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Manganese	NC	NC	NC	NC	central nervous system	8.83E-02	3.42E-01	2.21E-03	4.33E-01
			Chemical Total	NC	NC	NC	NC		8.83E-02	3.42E-01	2.21E-03	4.33E-01
		Exposure Point Total					NC					4.33E-01
	Exposure Medium Total						NC					4.33E-01
Medium Total							NC					4.33E-01
Total Risk Across All Media and All Exposure Routes							**NC**	**Total Hazard Index Across All Media and All Exposure Routes**				**4.3E-01**

Total Central Nervous System HI Across All Media = 4.33E-01

Note:

NC = Not Calculated

TABLE 5.5.48

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
OPEN BURN AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (1) (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.6)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.6)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Manganese	NC	NC	NC	NC	central nervous system	1.84E-01	7.13E-01	1.38E-02	9.11E-01
			Chemical Total	NC	NC	NC	NC		1.84E-01	7.13E-01	1.38E-02	9.11E-01
		Exposure Point Total					NC					9.11E-01
	Exposure Medium Total						NC					9.11E-01
Medium Total							NC					9.11E-01
Total Risk Across All Media and All Exposure Routes							**NC**	**Total Hazard Index Across All Media and All Exposure Routes**				**9.1E-01**

Total Central Nervous System HI Across All Media = 9.11E-01

Note:

NC = Not Calculated

TABLE 5.5.49

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.7)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.7)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	6.13E-03	1.34E-05	9.57E-06	6.16E-03
			Copper	NC	NC	NC	NC	--	1.28E-02	NC	1.99E-05	1.28E-02
			Manganese	NC	NC	NC	NC	central nervous system	1.92E-02	4.02E-04	7.50E-04	2.04E-02
			Nickel	NC	1.64E-09	NC	1.64E-09	body weight	5.06E-02	4.90E-04	1.97E-03	5.31E-02
			Chemical Total	NC	1.64E-09	NC	1.64E-09		8.88E-02	9.05E-04	2.75E-03	9.24E-02
		Exposure Point Total					1.64E-09					9.24E-02
	Exposure Medium Total						1.64E-09					9.24E-02
Medium Total							1.64E-09					9.24E-02
Total Risk Across All Media and All Exposure Routes							**1.6E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**9.2E-02**

Total Central Nervous System HI Across All Media =	2.04E-02
Total Body Weight HI Across All Media =	5.31E-02
Total Unknown HI Across All Media =	1.89E-02

Note:

NC = Not Calculated

TABLE 5.5.50

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.8)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.8)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	1.23E-02	5.34E-05	9.57E-05	1.24E-02
			Copper	NC	NC	NC	NC	--	2.55E-02	NC	1.99E-04	2.57E-02
			Manganese	NC	NC	NC	NC	central nervous system	3.85E-02	1.61E-03	7.50E-03	4.76E-02
			Nickel	NC	6.55E-09	NC	6.55E-09	body weight	1.01E-01	1.96E-03	1.97E-02	1.23E-01
			Chemical Total	NC	6.55E-09	NC	6.55E-09		1.78E-01	3.62E-03	2.75E-02	2.09E-01
		Exposure Point Total					6.55E-09					2.09E-01
	Exposure Medium Total						6.55E-09					2.09E-01
Medium Total							6.55E-09					2.09E-01
			Total Risk Across All Media and All Exposure Routes				**6.6E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**2.1E-01**

Total Central Nervous System HI Across All Media =	4.76E-02
Total Body Weight HI Across All Media =	1.23E-01
Total Unknown HI Across All Media =	3.81E-02

Note:

NC = Not Calculated

TABLE 5.5.51

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.9)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.9)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	4.36E-02	5.51E-04	2.88E-05	4.42E-02
			Copper	NC	NC	NC	NC	--	9.07E-02	NC	5.99E-05	9.08E-02
			Manganese	NC	NC	NC	NC	central nervous system	1.37E-01	1.66E-02	2.26E-03	1.56E-01
			Nickel	NC	6.08E-08	NC	6.08E-08	body weight	3.60E-01	2.02E-02	5.94E-03	3.86E-01
			Chemical Total	NC	6.08E-08	NC	6.08E-08		6.31E-01	3.73E-02	8.28E-03	6.76E-01
		Exposure Point Total					6.08E-08					6.76E-01
	Exposure Medium Total						6.08E-08					6.76E-01
Medium Total							6.08E-08					6.76E-01
			Total Risk Across All Media and All Exposure Routes				**6.1E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**6.8E-01**

Total Central Nervous System HI Across All Media =	1.56E-01
Total Body Weight HI Across All Media =	3.86E-01
Total Unknown HI Across All Media =	1.35E-01

Note:

NC = Not Calculated

TABLE 5.5.52

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.10)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.10)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	4.98E-02	6.28E-04	3.28E-04	5.07E-02
			Copper	NC	NC	NC	NC	--	1.04E-01	NC	6.83E-04	1.04E-01
			Manganese	NC	NC	NC	NC	central nervous system	1.56E-01	1.89E-02	2.57E-02	2.01E-01
			Nickel	NC	1.93E-07	NC	1.93E-07	body weight	4.11E-01	2.31E-02	6.78E-02	5.02E-01
			Chemical Total	NC	1.93E-07	NC	1.93E-07		7.20E-01	4.26E-02	9.45E-02	8.57E-01
		Exposure Point Total					1.93E-07					8.57E-01
	Exposure Medium Total						1.93E-07					8.57E-01
Medium Total							1.93E-07					8.57E-01
			Total Risk Across All Media and All Exposure Routes				**1.9E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**8.6E-01**

Total Central Nervous System HI Across All Media =	2.01E-01
Total Body Weight HI Across All Media =	5.02E-01
Total Unknown HI Across All Media =	1.55E-01

Note:

NC = Not Calculated

TABLE 5.5.53

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.11)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.11)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	7.88E-02	3.18E-02	7.88E-05	1.11E-01
			Copper	NC	NC	NC	NC	--	1.64E-01	NC	1.64E-04	1.64E-01
			Manganese	NC	NC	NC	NC	central nervous system	2.47E-01	9.58E-01	6.18E-03	1.21E+00
			Nickel	NC	3.90E-07	NC	3.90E-07	body weight	6.51E-01	1.17E+00	1.63E-02	1.83E+00
			Chemical Total	NC	3.90E-07	NC	3.90E-07		1.14E+00	2.16E+00	2.27E-02	3.32E+00
		Exposure Point Total					3.90E-07					3.32E+00
	Exposure Medium Total						3.90E-07					3.32E+00
Medium Total							3.90E-07					3.32E+00
			Total Risk Across All Media and All Exposure Routes				**3.9E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**3.3E+00**

Total Central Nervous System HI Across All Media =	1.21E+00
Total Body Weight HI Across All Media =	1.83E+00
Total Unknown HI Across All Media =	2.75E-01

Note:

NC = Not Calculated

TABLE 5.5.54

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.12)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.12)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	1.64E-01	6.63E-02	4.93E-04	2.31E-01
			Copper	NC	NC	NC	NC	--	3.42E-01	NC	1.03E-03	3.43E-01
			Manganese	NC	NC	NC	NC	central nervous system	5.15E-01	1.99E+00	3.86E-02	2.55E+00
			Nickel	NC	8.13E-07	NC	8.13E-07	body weight	1.36E+00	2.43E+00	1.02E-01	3.89E+00
			Chemical Total	NC	8.13E-07	NC	8.13E-07		2.38E+00	4.49E+00	1.42E-01	7.01E+00
		Exposure Point Total					8.13E-07					7.01E+00
	Exposure Medium Total						8.13E-07					7.01E+00
Medium Total							8.13E-07					7.01E+00
			Total Risk Across All Media and All Exposure Routes				**8.1E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**7.0E+00**

Total Central Nervous System HI Across All Media =	2.55E+00
Total Body Weight HI Across All Media =	3.89E+00
Total Unknown HI Across All Media =	5.74E-01

Note:

NC = Not Calculated

TABLE 5.5.55

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.13)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.13)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	1.16E-02	2.52E-05	1.80E-05	1.16E-02
			Copper	NC	NC	NC	NC	--	2.76E-02	NC	4.31E-05	2.77E-02
			Nickel	NC	3.23E-09	NC	3.23E-09	body weight	9.98E-02	9.65E-04	3.89E-03	1.05E-01
			Chemical Total	NC	3.23E-09	NC	3.23E-09		1.39E-01	9.91E-04	3.95E-03	1.44E-01
		Exposure Point Total					3.23E-09					1.44E-01
	Exposure Medium Total						3.23E-09					1.44E-01
Medium Total							3.23E-09					1.44E-01
			Total Risk Across All Media and All Exposure Routes				**3.2E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.4E-01**

Total Body Weight HI Across All Media =	1.05E-01
Total Unknown HI Across All Media =	3.93E-02

Note:

NC = Not Calculated

TABLE 5.5.56

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.14)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.14)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	2.31E-02	1.01E-04	1.80E-04	2.34E-02
			Copper	NC	NC	NC	NC	--	5.52E-02	NC	4.31E-04	5.57E-02
			Nickel	NC	1.29E-08	NC	1.29E-08	body weight	2.00E-01	3.86E-03	3.89E-02	2.42E-01
			Chemical Total	NC	1.29E-08	NC	1.29E-08		2.78E-01	3.96E-03	3.95E-02	3.21E-01
		Exposure Point Total					1.29E-08					3.21E-01
	Exposure Medium Total						1.29E-08					3.21E-01
Medium Total							1.29E-08					3.21E-01
			Total Risk Across All Media and All Exposure Routes				**1.3E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**3.2E-01**

Total Body Weight HI Across All Media =	2.42E-01
Total Unknown HI Across All Media =	7.91E-02

Note:

NC = Not Calculated

TABLE 5.5.57

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN SLUDGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (1) (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.15)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.15)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	8.22E-02	1.04E-03	5.43E-05	8.33E-02
			Copper	NC	NC	NC	NC	--	1.96E-01	NC	1.30E-04	1.96E-01
			Nickel	NC	1.20E-07	NC	1.20E-07	body weight	7.09E-01	3.98E-02	1.17E-02	7.61E-01
			Chemical Total	NC	1.20E-07	NC	1.20E-07		9.88E-01	4.08E-02	1.19E-02	1.04E+00
		Exposure Point Total					1.20E-07					1.04E+00
	Exposure Medium Total						1.20E-07					1.04E+00
Medium Total							1.20E-07					1.04E+00
			Total Risk Across All Media and All Exposure Routes				**1.2E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.0E+00**

Total Body Weight HI Across All Media = 7.61E-01
Total Unknown HI Across All Media = 2.80E-01

Note:

NC = Not Calculated

TABLE 5.5.58

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.16)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.16)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	9.39E-02	1.19E-03	6.20E-04	9.57E-02
			Copper	NC	NC	NC	NC	--	2.24E-01	NC	1.48E-03	2.26E-01
			Nickel	NC	3.80E-07	NC	3.80E-07	body weight	8.10E-01	4.54E-02	1.34E-01	9.89E-01
			Chemical Total	NC	3.80E-07	NC	3.80E-07		1.13E+00	4.66E-02	1.36E-01	1.31E+00
		Exposure Point Total					3.80E-07					1.31E+00
	Exposure Medium Total						3.80E-07					1.31E+00
Medium Total							3.80E-07					1.31E+00
			Total Risk Across All Media and All Exposure Routes				**3.8E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.3E+00**

Total Body Weight HI Across All Media =	9.89E-01
Total Unknown HI Across All Media =	3.21E-01

Note:

NC = Not Calculated

TABLE 5.5.59

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND H
SOUTHERN SLUDGE
CENTRAL TENDEI
RISK ASSESSME
RACER TRUST PROI
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.17)*		
				Ingestion	*Inhalation*	*Dermal*
Soil	Soil	On-Site	Cobalt	NC	NC	NC
			Copper	NC	NC	NC
			Nickel	NC	7.69E-07	NC
			Chemical Total	NC	7.69E-07	NC
		Exposure Point Total				
	Exposure Medium Total					
Medium Total						
				Total Risk Across All Media and All Exposure Routes		

Note:

NC = Not Calculated

AZARDS FOR CHEMICALS OF POTENTIAL CONCERN
: AREA
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	Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.17)				
Exposure Routes Total	***Primary Target Organ***	***Ingestion***	***Inhalation***	***Dermal***	***Exposure Routes Total***
NC	--	1.49E-01	6.00E-02	1.49E-04	2.09E-01
NC	--	3.55E-01	NC	3.55E-04	3.55E-01
7.69E-07	body weight	1.28E+00	2.30E+00	3.21E-02	3.61E+00
7.69E-07		1.79E+00	2.36E+00	3.26E-02	4.18E+00
7.69E-07					4.18E+00
7.69E-07					4.18E+00
7.69E-07					4.18E+00
7.7E-07	**Total Hazard Index Across All Media and All Exposure Routes**				**4.2E+00**

Total Body Weight HI Across All Media =	3.61E+00
Total Unknown HI Across All Media =	5.64E-01

TABLE 5.5.60

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.18)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.18)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	3.10E-01	1.25E-01	9.29E-04	4.36E-01
			Copper	NC	NC	NC	NC	--	7.40E-01	NC	2.22E-03	7.42E-01
			Nickel	NC	1.60E-06	NC	1.60E-06	body weight	2.67E+00	4.79E+00	2.00E-01	7.66E+00
			Chemical Total	NC	1.60E-06	NC	1.60E-06		3.72E+00	4.92E+00	2.04E-01	8.84E+00
		Exposure Point Total					1.60E-06					8.84E+00
	Exposure Medium Total						1.60E-06					8.84E+00
Medium Total							1.60E-06					8.84E+00
Total Risk Across All Media and All Exposure Routes							**1.6E-06**	**Total Hazard Index Across All Media and All Exposure Routes**				**8.8E+00**

Total Body Weight HI Across All Media =	7.66E+00
Total Unknown HI Across All Media =	1.18E+00

Note:

NC = Not Calculated

TABLE 5.5.61

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN TRENCH AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.19)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.19)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.52E-02	NC	2.37E-05	1.52E-02
			Manganese	NC	NC	NC	NC	central nervous system	2.09E-02	4.36E-04	8.14E-04	2.21E-02
			Nickel	NC	2.89E-10	NC	2.89E-10	body weight	8.95E-03	8.66E-05	3.49E-04	9.38E-03
			Chemical Total	NC	2.89E-10	NC	2.89E-10		4.50E-02	5.23E-04	1.19E-03	4.67E-02
		Exposure Point Total					2.89E-10					4.67E-02
	Exposure Medium Total						2.89E-10					4.67E-02
Medium Total							2.89E-10					4.67E-02
Total Risk Across All Media and All Exposure Routes							**2.9E-10**	**Total Hazard Index Across All Media and All Exposure Routes**				**4.7E-02**

Total Central Nervous System HI Across All Media =	2.21E-02
Total Body Weight HI Across All Media =	9.38E-03
Total Unknown HI Across All Media =	1.52E-02

Note:

NC = Not Calculated

TABLE 5.5.62

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.20)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.20)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	3.04E-02	NC	2.37E-04	3.07E-02
			Manganese	NC	NC	NC	NC	central nervous system	4.17E-02	1.74E-03	8.14E-03	5.16E-02
			Nickel	NC	1.16E-09	NC	1.16E-09	body weight	1.79E-02	3.46E-04	3.49E-03	2.17E-02
			Chemical Total	NC	1.16E-09	NC	1.16E-09		9.01E-02	2.09E-03	1.19E-02	1.04E-01
		Exposure Point Total					1.16E-09					1.04E-01
	Exposure Medium Total						1.16E-09					1.04E-01
Medium Total							1.16E-09					1.04E-01
Total Risk Across All Media and All Exposure Routes							**1.2E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.0E-01**

Total Central Nervous System HI Across All Media =	5.16E-02
Total Body Weight HI Across All Media =	2.17E-02
Total Unknown HI Across All Media =	3.07E-02

Note:

NC = Not Calculated

TABLE 5.5.63

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN TRENCH AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.21)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.21)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.08E-01	NC	7.14E-05	1.08E-01
			Manganese	NC	NC	NC	NC	central nervous system	1.48E-01	1.80E-02	2.45E-03	1.69E-01
			Nickel	NC	1.07E-08	NC	1.07E-08	body weight	6.36E-02	3.57E-03	1.05E-03	6.82E-02
			Chemical Total	NC	1.07E-08	NC	1.07E-08		3.20E-01	2.16E-02	3.57E-03	3.45E-01
		Exposure Point Total					1.07E-08					3.45E-01
	Exposure Medium Total						1.07E-08					3.45E-01
Medium Total							1.07E-08					3.45E-01
Total Risk Across All Media and All Exposure Routes							**1.1E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**3.5E-01**

Total Central Nervous System HI Across All Media =	1.69E-01
Total Body Weight HI Across All Media =	6.82E-02
Total Unknown HI Across All Media =	1.08E-01

Note:

NC = Not Calculated

TABLE 5.5.64

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.22)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.22)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.23E-01	NC	8.15E-04	1.24E-01
			Manganese	NC	NC	NC	NC	central nervous system	1.69E-01	2.05E-02	2.79E-02	2.18E-01
			Nickel	NC	3.40E-08	NC	3.40E-08	body weight	7.26E-02	4.07E-03	1.20E-02	8.87E-02
			Chemical Total	NC	3.40E-08	NC	3.40E-08		3.65E-01	2.46E-02	4.07E-02	4.31E-01
		Exposure Point Total					3.40E-08					4.31E-01
	Exposure Medium Total						3.40E-08					4.31E-01
Medium Total							3.40E-08					4.31E-01
Total Risk Across All Media and All Exposure Routes							**3.4E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**4.3E-01**

Total Central Nervous System HI Across All Media =	2.18E-01
Total Body Weight HI Across All Media =	8.87E-02
Total Unknown HI Across All Media =	1.24E-01

Note:

NC = Not Calculated

TABLE 5.5.65

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN TRENCH AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (1) (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.23)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.23)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.96E-01	NC	1.96E-04	1.96E-01
			Manganese	NC	NC	NC	NC	central nervous system	2.68E-01	1.04E+00	6.71E-03	1.31E+00
			Nickel	NC	6.90E-08	NC	6.90E-08	body weight	1.15E-01	2.06E-01	2.88E-03	3.24E-01
			Chemical Total	NC	6.90E-08	NC	6.90E-08		5.79E-01	1.25E+00	9.78E-03	1.83E+00
		Exposure Point Total					6.90E-08					1.83E+00
	Exposure Medium Total						6.90E-08					1.83E+00
Medium Total							6.90E-08					1.83E+00
Total Risk Across All Media and All Exposure Routes							**6.9E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.8E+00**

Total Central Nervous System HI Across All Media =	1.31E+00
Total Body Weight HI Across All Media =	3.24E-01
Total Unknown HI Across All Media =	1.96E-01

Note:

NC = Not Calculated

TABLE 5.5.66

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (1) (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.24)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.24)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	4.07E-01	NC	1.22E-03	4.09E-01
			Manganese	NC	NC	NC	NC	central nervous system	5.59E-01	2.17E+00	4.19E-02	2.77E+00
			Nickel	NC	1.44E-07	NC	1.44E-07	body weight	2.40E-01	4.30E-01	1.80E-02	6.87E-01
			Chemical Total	NC	1.44E-07	NC	1.44E-07		1.21E+00	2.60E+00	6.11E-02	3.86E+00
		Exposure Point Total					1.44E-07					3.86E+00
	Exposure Medium Total						1.44E-07					3.86E+00
Medium Total							1.44E-07					3.86E+00
Total Risk Across All Media and All Exposure Routes							**1.4E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**3.9E+00**

Total Central Nervous System HI Across All Media =	2.77E+00
Total Body Weight HI Across All Media =	6.87E-01
Total Unknown HI Across All Media =	4.09E-01

Note:

NC = Not Calculated

TABLE 5.5.67

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.25)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.25)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.08E-01	NC	1.68E-04	1.08E-01
			Manganese	NC	NC	NC	NC	central nervous system	7.01E-03	1.46E-04	2.73E-04	7.43E-03
			Nickel	NC	1.01E-09	NC	1.01E-09	body weight	3.11E-02	3.01E-04	1.21E-03	3.27E-02
			Chemical Total	NC	1.01E-09	NC	1.01E-09		1.46E-01	4.48E-04	1.66E-03	1.48E-01
		Exposure Point Total					1.01E-09					1.48E-01
	Exposure Medium Total						1.01E-09					1.48E-01
Medium Total							1.01E-09					1.48E-01
Total Risk Across All Media and All Exposure Routes							**1.0E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.5E-01**

Total Central Nervous System HI Across All Media =	7.43E-03
Total Body Weight HI Across All Media =	3.27E-02
Total Unknown HI Across All Media =	1.08E-01

Note:

NC = Not Calculated

TABLE 5.5.68

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.26)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.26)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	2.16E-01	NC	1.68E-03	2.18E-01
			Manganese	NC	NC	NC	NC	central nervous system	1.40E-02	5.86E-04	2.73E-03	1.73E-02
			Nickel	NC	4.03E-09	NC	4.03E-09	body weight	6.23E-02	1.21E-03	1.21E-02	7.56E-02
			Chemical Total	NC	4.03E-09	NC	4.03E-09		2.92E-01	1.79E-03	1.66E-02	3.10E-01
		Exposure Point Total					4.03E-09					3.10E-01
	Exposure Medium Total						4.03E-09					3.10E-01
Medium Total							4.03E-09					3.10E-01
Total Risk Across All Media and All Exposure Routes							**4.0E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**3.1E-01**

Total Central Nervous System HI Across All Media =	1.73E-02
Total Body Weight HI Across All Media =	7.56E-02
Total Unknown HI Across All Media =	2.18E-01

Note:

NC = Not Calculated

TABLE 5.5.69

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.27)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.27)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	7.67E-01	NC	5.06E-04	7.68E-01
			Manganese	NC	NC	NC	NC	central nervous system	4.98E-02	6.04E-03	8.22E-04	5.67E-02
			Nickel	NC	3.74E-08	NC	3.74E-08	body weight	2.21E-01	1.24E-02	3.65E-03	2.37E-01
			Chemical Total	NC	3.74E-08	NC	3.74E-08		1.04E+00	1.85E-02	4.98E-03	1.06E+00
		Exposure Point Total					3.74E-08					1.06E+00
	Exposure Medium Total						3.74E-08					1.06E+00
Medium Total							3.74E-08					1.06E+00
Total Risk Across All Media and All Exposure Routes							**3.7E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.1E+00**

Total Central Nervous System HI Across All Media =	5.67E-02
Total Body Weight HI Across All Media =	2.37E-01
Total Unknown HI Across All Media =	7.68E-01

Note:

NC = Not Calculated

TABLE 5.5.70

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.28)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.28)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	8.76E-01	NC	5.78E-03	8.81E-01
			Manganese	NC	NC	NC	NC	central nervous system	5.69E-02	6.89E-03	9.38E-03	7.32E-02
			Nickel	NC	1.18E-07	NC	1.18E-07	body weight	2.53E-01	1.42E-02	4.17E-02	3.09E-01
			Chemical Total	NC	1.18E-07	NC	1.18E-07		1.19E+00	2.11E-02	5.68E-02	1.26E+00
		Exposure Point Total					1.18E-07					1.26E+00
	Exposure Medium Total						1.18E-07					1.26E+00
Medium Total							1.18E-07					1.26E+00
Total Risk Across All Media and All Exposure Routes							**1.2E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.3E+00**

Total Central Nervous System HI Across All Media =	7.32E-02
Total Body Weight HI Across All Media =	3.09E-01
Total Unknown HI Across All Media =	8.81E-01

Note:

NC = Not Calculated

TABLE 5.5.71

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.29)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.29)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.39E+00	NC	1.39E-03	1.39E+00
			Manganese	NC	NC	NC	NC	central nervous system	9.01E-02	3.49E-01	2.25E-03	4.41E-01
			Nickel	NC	2.40E-07	NC	2.40E-07	body weight	4.00E-01	7.18E-01	1.00E-02	1.13E+00
			Chemical Total	NC	2.40E-07	NC	2.40E-07		1.88E+00	1.07E+00	1.36E-02	2.96E+00
		Exposure Point Total					2.40E-07					2.96E+00
	Exposure Medium Total						2.40E-07					2.96E+00
Medium Total							2.40E-07					2.96E+00
			Total Risk Across All Media and All Exposure Routes				**2.4E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**3.0E+00**

Total Central Nervous System HI Across All Media =	4.41E-01
Total Body Weight HI Across All Media =	1.13E+00
Total Unknown HI Across All Media =	1.39E+00

Note:

NC = Not Calculated

TABLE 5.5.72

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.30)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.30)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	2.89E+00	NC	8.67E-03	2.90E+00
			Manganese	NC	NC	NC	NC	central nervous system	1.88E-01	7.27E-01	1.41E-02	9.29E-01
			Nickel	NC	5.00E-07	NC	5.00E-07	body weight	8.34E-01	1.50E+00	6.25E-02	2.39E+00
			Chemical Total	NC	5.00E-07	NC	5.00E-07		3.91E+00	2.22E+00	8.53E-02	6.22E+00
		Exposure Point Total					5.00E-07					6.22E+00
	Exposure Medium Total						5.00E-07					6.22E+00
Medium Total							5.00E-07					6.22E+00
Total Risk Across All Media and All Exposure Routes							**5.0E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**6.2E+00**

Total Central Nervous System HI Across All Media =	9.29E-01
Total Body Weight HI Across All Media =	2.39E+00
Total Unknown HI Across All Media =	2.90E+00

Note:

NC = Not Calculated

TABLE 5.5.73

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.31)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.31)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	7.40E-03	1.61E-05	1.15E-05	7.42E-03
			Copper	NC	NC	NC	NC	--	5.50E-02	NC	8.58E-05	5.51E-02
			Nickel	NC	9.63E-10	NC	9.63E-10	body weight	2.98E-02	2.88E-04	1.16E-03	3.12E-02
			Zinc	NC	NC	NC	NC	clinical effects	1.61E-02	NC	2.52E-05	1.62E-02
			Chemical Total	NC	9.63E-10	NC	9.63E-10		1.08E-01	3.04E-04	1.28E-03	1.10E-01
		Exposure Point Total					9.63E-10					1.10E-01
	Exposure Medium Total						9.63E-10					1.10E-01
Medium Total							9.63E-10					1.10E-01
Total Risk Across All Media and All Exposure Routes							**9.6E-10**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.1E-01**

Total Body Weight HI Across All Media =	3.12E-02
Total Clinical Effects HI Across All Media =	1.62E-02
Total Unknown HI Across All Media =	6.25E-02

Note:

NC = Not Calculated

TABLE 5.5.74

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.32)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.32)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	1.48E-02	6.44E-05	1.15E-04	1.50E-02
			Copper	NC	NC	NC	NC	--	1.10E-01	NC	8.58E-04	1.11E-01
			Nickel	NC	3.85E-09	NC	3.85E-09	body weight	5.95E-02	1.15E-03	1.16E-02	7.23E-02
			Zinc	NC	NC	NC	NC	clinical effects	3.23E-02	NC	2.52E-04	3.25E-02
			Chemical Total	NC	3.85E-09	NC	3.85E-09		2.17E-01	1.22E-03	1.28E-02	2.31E-01
		Exposure Point Total					3.85E-09					2.31E-01
	Exposure Medium Total						3.85E-09					2.31E-01
Medium Total							3.85E-09					2.31E-01
Total Risk Across All Media and All Exposure Routes							**3.9E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**2.3E-01**

Total Body Weight HI Across All Media =	7.23E-02
Total Clinical Effects HI Across All Media =	3.25E-02
Total Unknown HI Across All Media =	1.26E-01

Note:

NC = Not Calculated

TABLE 5.5.75

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.33)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.33)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	5.26E-02	6.64E-04	3.47E-05	5.33E-02
			Copper	NC	NC	NC	NC	--	3.91E-01	NC	2.58E-04	3.91E-01
			Nickel	NC	3.57E-08	NC	3.57E-08	body weight	2.12E-01	1.19E-02	3.49E-03	2.27E-01
			Zinc	NC	NC	NC	NC	clinical effects	1.15E-01	NC	7.57E-05	1.15E-01
			Chemical Total	NC	3.57E-08	NC	3.57E-08		7.70E-01	1.25E-02	3.86E-03	7.86E-01
		Exposure Point Total					3.57E-08					7.86E-01
	Exposure Medium Total						3.57E-08					7.86E-01
Medium Total							3.57E-08					7.86E-01
Total Risk Across All Media and All Exposure Routes							**3.6E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**7.9E-01**

Total Body Weight HI Across All Media =	2.27E-01
Total Clinical Effects HI Across All Media =	1.15E-01
Total Unknown HI Across All Media =	4.45E-01

Note:

NC = Not Calculated

TABLE 5.5.76

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.34)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.34)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	6.00E-02	7.58E-04	3.96E-04	6.12E-02
			Copper	NC	NC	NC	NC	--	4.46E-01	NC	2.95E-03	4.49E-01
			Nickel	NC	1.13E-07	NC	1.13E-07	body weight	2.42E-01	1.36E-02	3.99E-02	2.95E-01
			Zinc	NC	NC	NC	NC	clinical effects	1.31E-01	NC	8.64E-04	1.32E-01
			Chemical Total	0.00E+00	1.13E-07	0.00E+00	1.13E-07		8.79E-01	1.43E-02	4.41E-02	9.37E-01
		Exposure Point Total					1.13E-07					9.37E-01
	Exposure Medium Total						1.13E-07					9.37E-01
Medium Total							1.13E-07					9.37E-01
Total Risk Across All Media and All Exposure Routes							**1.1E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**9.4E-01**

Total Body Weight HI Across All Media =	2.95E-01
Total Clinical Effects HI Across All Media =	1.32E-01
Total Unknown HI Across All Media =	5.11E-01

Note:

NC = Not Calculated

TABLE 5.5.77

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN DIE STORAGE AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.35)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.35)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	9.51E-02	3.84E-02	9.51E-05	1.34E-01
			Copper	NC	NC	NC	NC	--	7.07E-01	NC	7.07E-04	7.08E-01
			Nickel	NC	2.29E-07	NC	2.29E-07	body weight	3.83E-01	6.86E-01	9.56E-03	1.08E+00
			Zinc	NC	NC	NC	NC	clinical effects	2.07E-01	NC	2.07E-04	2.08E-01
			Chemical Total	NC	2.29E-07	NC	2.29E-07		1.39E+00	7.25E-01	1.06E-02	2.13E+00
		Exposure Point Total					2.29E-07					2.13E+00
	Exposure Medium Total						2.29E-07					2.13E+00
Medium Total							2.29E-07					2.13E+00
Total Risk Across All Media and All Exposure Routes							**2.3E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**2.1E+00**

Total Body Weight HI Across All Media =	1.08E+00
Total Clinical Effects HI Across All Media =	2.08E-01
Total Unknown HI Across All Media =	8.41E-01

Note:

NC = Not Calculated

TABLE 5.5.78

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.36)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.36)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Cobalt	NC	NC	NC	NC	--	1.98E-01	7.99E-02	5.94E-04	2.79E-01
			Copper	NC	NC	NC	NC	--	1.47E+00	NC	4.42E-03	1.48E+00
			Nickel	NC	4.78E-07	NC	4.78E-07	body weight	7.97E-01	1.43E+00	5.98E-02	2.29E+00
			Zinc	NC	NC	NC	NC	clinical effects	4.32E-01	NC	1.30E-03	4.33E-01
			Chemical Total	NC	4.78E-07	NC	4.78E-07		2.90E+00	1.51E+00	6.61E-02	4.48E+00
		Exposure Point Total					4.78E-07					4.48E+00
	Exposure Medium Total						4.78E-07					4.48E+00
Medium Total							4.78E-07					4.48E+00
Total Risk Across All Media and All Exposure Routes							**4.8E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**4.5E+00**

Total Body Weight HI Across All Media =	2.29E+00
Total Clinical Effects HI Across All Media =	4.33E-01
Total Unknown HI Across All Media =	1.76E+00

Note:

NC = Not Calculated

TABLE 5.5.79

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
FORMER FUEL OIL TANK AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.37)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.37)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	6.24E-02	NC	9.74E-05	6.25E-02
			Manganese	NC	NC	NC	NC	central nervous system	5.89E-03	1.23E-04	2.30E-04	6.25E-03
			Nickel	NC	1.05E-09	NC	1.05E-09	body weight	3.24E-02	3.14E-04	1.26E-03	3.40E-02
			Zinc	NC	NC	NC	NC	clinical effects	7.36E-03	NC	1.15E-05	7.37E-03
			Chemical Total	NC	1.05E-09	NC	1.05E-09		1.08E-01	4.37E-04	1.60E-03	1.10E-01
		Exposure Point Total					1.05E-09					1.10E-01
	Exposure Medium Total						1.05E-09					1.10E-01
Medium Total							1.05E-09					1.10E-01
Total Risk Across All Media and All Exposure Routes							**1.0E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**1.1E-01**

Total Central Nervous System HI Across All Media =	6.25E-03
Total Body Weight HI Across All Media =	3.40E-02
Total Clinical Effects HI Across All Media =	7.37E-03
Total Unknown HI Across All Media =	6.25E-02

Note:

NC = Not Calculated

TABLE 5.5.80

SUMMARY OF TRESPASSER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Current/ Future
Receptor Population: Trespasser
Receptor Age: Adolescent

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.38)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.38)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.25E-01	NC	9.74E-04	1.26E-01
			Manganese	NC	NC	NC	NC	central nervous system	1.18E-02	4.93E-04	2.30E-03	1.46E-02
			Nickel	NC	4.19E-09	NC	4.19E-09	body weight	6.48E-02	1.25E-03	1.26E-02	7.87E-02
			Zinc	NC	NC	NC	NC	clinical effects	1.47E-02	NC	1.15E-04	1.48E-02
			Chemical Total	NC	4.19E-09	NC	4.19E-09		2.16E-01	1.75E-03	1.60E-02	2.34E-01
		Exposure Point Total					4.19E-09					2.34E-01
	Exposure Medium Total						4.19E-09					2.34E-01
Medium Total							4.19E-09					2.34E-01
Total Risk Across All Media and All Exposure Routes							**4.2E-09**	**Total Hazard Index Across All Media and All Exposure Routes**				**2.3E-01**

Total Central Nervous System HI Across All Media =	1.46E-02
Total Body Weight HI Across All Media =	7.87E-02
Total Clinical Effects HI Across All Media =	1.48E-02
Total Unknown HI Across All Media =	1.26E-01

Note:

NC = Not Calculated

TABLE 5.5.81

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
FORMER FUEL OIL TANK AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.39)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.39)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	4.44E-01	NC	2.93E-04	4.44E-01
			Manganese	NC	NC	NC	NC	central nervous system	4.19E-02	5.08E-03	6.91E-04	4.77E-02
			Nickel	NC	3.89E-08	NC	3.89E-08	body weight	2.30E-01	1.29E-02	3.80E-03	2.47E-01
			Zinc	NC	NC	NC	NC	clinical effects	5.23E-02	NC	3.45E-05	5.23E-02
			Chemical Total	0.00E+00	3.89E-08	0.00E+00	3.89E-08		7.68E-01	1.80E-02	4.82E-03	7.91E-01
		Exposure Point Total					3.89E-08					7.91E-01
	Exposure Medium Total						3.89E-08					7.91E-01
Medium Total							3.89E-08					7.91E-01
Total Risk Across All Media and All Exposure Routes							**3.9E-08**	**Total Hazard Index Across All Media and All Exposure Routes**				**7.9E-01**

Total Central Nervous System HI Across All Media =	4.77E-02
Total Body Weight HI Across All Media =	2.47E-01
Total Clinical Effects HI Across All Media =	5.23E-02
Total Unknown HI Across All Media =	4.44E-01

Note:

NC = Not Calculated

TABLE 5.5.82

SUMMARY OF INDUSTRIAL/ COMMERCIAL WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.40)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.40)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	5.07E-01	NC	3.34E-03	5.10E-01
			Manganese	NC	NC	NC	NC	central nervous system	4.78E-02	5.80E-03	7.89E-03	6.15E-02
			Nickel	NC	1.23E-07	NC	1.23E-07	body weight	2.63E-01	1.48E-02	4.34E-02	3.21E-01
			Zinc	NC	NC	NC	NC	clinical effects	5.97E-02	NC	3.94E-04	6.01E-02
			Chemical Total	NC	1.23E-07	NC	1.23E-07		8.77E-01	2.06E-02	5.50E-02	9.53E-01
		Exposure Point Total					1.23E-07					9.53E-01
	Exposure Medium Total						1.23E-07					9.53E-01
Medium Total							1.23E-07					9.53E-01
Total Risk Across All Media and All Exposure Routes							**1.2E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**9.5E-01**

Total Central Nervous System HI Across All Media =	6.15E-02
Total Body Weight HI Across All Media =	3.21E-01
Total Clinical Effects HI Across All Media =	6.01E-02
Total Unknown HI Across All Media =	5.10E-01

Note:

NC = Not Calculated

TABLE 5.5.83

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
FORMER FUEL OIL TANK AREA
CENTRAL TENDENCY
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.41)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.41)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	8.02E-01	NC	8.02E-04	8.03E-01
			Manganese	NC	NC	NC	NC	central nervous system	7.58E-02	2.93E-01	1.89E-03	3.71E-01
			Nickel	NC	2.50E-07	NC	2.50E-07	body weight	4.17E-01	7.47E-01	1.04E-02	1.17E+00
			Zinc	NC	NC	NC	NC	clinical effects	9.45E-02	NC	9.45E-05	9.46E-02
			Chemical Total	NC	2.50E-07	NC	2.50E-07		1.39E+00	1.04E+00	1.32E-02	2.44E+00
		Exposure Point Total					2.50E-07					2.44E+00
	Exposure Medium Total						2.50E-07					2.44E+00
Medium Total							2.50E-07					2.44E+00
Total Risk Across All Media and All Exposure Routes							**2.5E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**2.4E+00**

Total Central Nervous System HI Across All Media =	3.71E-01
Total Body Weight HI Across All Media =	1.17E+00
Total Clinical Effects HI Across All Media =	9.46E-02
Total Unknown HI Across All Media =	8.03E-01

Note:

NC = Not Calculated

TABLE 5.5.84

SUMMARY OF CONSTRUCTION/ UTILITY WORKER RISKS AND HAZARDS FOR CHEMICALS OF POTENTIAL CONCERN
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Carcinogenic Risk (Refer to Table 5.5.42)*				*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.42)*				
				Ingestion	*Inhalation*	*Dermal*	*Exposure Routes Total*	*Primary Target Organ*	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*
Soil	Soil	On-Site	Copper	NC	NC	NC	NC	--	1.67E+00	NC	5.01E-03	1.68E+00
			Manganese	NC	NC	NC	NC	central nervous system	1.58E-01	6.11E-01	1.18E-02	7.81E-01
			Nickel	NC	5.20E-07	NC	5.20E-07	body weight	8.68E-01	1.56E+00	6.51E-02	2.49E+00
			Zinc	NC	NC	NC	NC	clinical effects	1.97E-01	NC	5.91E-04	1.98E-01
			Chemical Total	NC	5.20E-07	NC	5.20E-07		2.89E+00	2.17E+00	8.25E-02	5.15E+00
		Exposure Point Total					5.20E-07					5.15E+00
	Exposure Medium Total						5.20E-07					5.15E+00
Medium Total							5.20E-07					5.15E+00
Total Risk Across All Media and All Exposure Routes							**5.2E-07**	**Total Hazard Index Across All Media and All Exposure Routes**				**5.1E+00**

Total Central Nervous System HI Across All Media =	7.81E-01
Total Body Weight HI Across All Media =	2.49E+00
Total Clinical Effects HI Across All Media =	1.98E-01
Total Unknown HI Across All Media =	1.68E+00

Note:

NC = Not Calculated

TABLE 5.5.85

RISK ASSESSMENT SUMMARY FOR CONSTRUCTION/ UTILITY WORKER
NORTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.54)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Manganese	central nervous system	5.15E-01	1.99E+00	3.86E-02	2.55E+00	36.35
			Nickel	body weight	1.36E+00	2.43E+00	1.02E-01	3.89E+00	55.47
			Chemical Total		1.87E+00	4.43E+00	1.40E-01	6.44E+00	
		Exposure Point Total						6.44E+00	
	Exposure Medium Total							6.44E+00	
Medium Total								6.44E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**6.4E+00**	91.82

Total Central Nervous System HI Across All Media = 2.55E+00
Total Body Weight HI Across All Media = 3.89E+00

Note:

NC = Not Calculated

TABLE 5.5.86

RISK ASSESSMENT SUMMARY FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.58)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Cobalt	--	9.39E-02	1.19E-03	6.20E-04	9.57E-02	7.30
			Copper	--	2.24E-01	NC	1.48E-03	2.26E-01	17.22
			Nickel	body weight	8.10E-01	4.54E-02	1.34E-01	9.89E-01	75.47
			Chemical Total		1.13E+00	4.66E-02	1.36E-01	1.31E+00	
		Exposure Point Total						1.31E+00	
	Exposure Medium Total							1.31E+00	
Medium Total								1.31E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**1.3E+00**	100.00

Total Body Weight HI Across All Media =	9.89E-01
Total Unknown HI Across All Media =	3.21E-01

Note:

NC = Not Calculated

TABLE 5.5.87

RISK ASSESSMENT SUMMARY FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.60)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Cobalt	--	3.10E-01	1.25E-01	9.29E-04	4.4E-01	4.93
			Copper	--	7.40E-01	NC	2.22E-03	7.4E-01	8.39
			Nickel	body weight	2.67E+00	4.79E+00	2.00E-01	7.7E+00	86.68
			Chemical Total		3.72E+00	4.92E+00	2.04E-01	8.84E+00	
		Exposure Point Total						8.84E+00	
	Exposure Medium Total							8.84E+00	
Medium Total								8.84E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**8.8E+00**	100.00

Total Body Weight HI Across All Media =	7.66E+00
Total Unknown HI Across All Media =	4.36E-01

Note:

NC = Not Calculated

TABLE 5.5.88

RISK ASSESSMENT SUMMARY FOR CONSTRUCTION/ UTILITY WORKER RISKS
SOUTHERN TRENCH AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.66)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Copper	--	4.07E-01	NC	1.22E-03	4.09E-01	10.58
			Manganese	central nervous system	5.59E-01	2.17E+00	4.19E-02	2.77E+00	71.62
			Nickel	body weight	2.40E-01	4.30E-01	1.80E-02	6.87E-01	17.80
			Chemical Total		1.21E+00	2.60E+00	6.11E-02	3.86E+00	
		Exposure Point Total						3.86E+00	
	Exposure Medium Total							3.86E+00	
Medium Total								3.86E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**3.9E+00**	100.00

Total Central Nervous System HI Across All Media =	2.77E+00
Total Body Weight HI Across All Media =	6.87E-01
Total Unknown HI Across All Media =	4.09E-01

Note:

NC = Not Calculated

TABLE 5.5.89

RISK ASSESSMENT SUMMARY FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.70)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Copper	--	8.76E-01	NC	5.78E-03	8.81E-01	69.78
			Manganese	central nervous system	5.69E-02	6.89E-03	9.38E-03	7.32E-02	5.79
			Nickel	body weight	2.53E-01	1.42E-02	4.17E-02	3.09E-01	24.42
			Chemical Total		1.19E+00	2.11E-02	5.68E-02	1.26E+00	
		Exposure Point Total						1.26E+00	
	Exposure Medium Total							1.26E+00	
Medium Total								1.26E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**1.3E+00**	100.00

Total Central Nervous System HI Across All Media =	7.32E-02
Total Body Weight HI Across All Media =	3.09E-01
Total Unknown HI Across All Media =	8.81E-01

Note:

NC = Not Calculated

TABLE 5.5.90

RISK ASSESSMENT SUMMARY FOR CONSTRUCTION/ UTILITY WORKER
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.72)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Copper	--	2.89E+00	NC	8.67E-03	2.90E+00	46.60
			Manganese	central nervous system	1.88E-01	7.27E-01	1.41E-02	9.29E-01	14.94
			Nickel	body weight	8.34E-01	1.50E+00	6.25E-02	2.39E+00	38.46
			Chemical Total		3.91E+00	2.22E+00	8.53E-02	6.22E+00	
		Exposure Point Total						6.22E+00	
	Exposure Medium Total							6.22E+00	
Medium Total								6.22E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**6.2E+00**	100.00

Total Central Nervous System HI Across All Media =	9.29E-01
Total Body Weight HI Across All Media =	2.39E+00
Total Unknown HI Across All Media =	2.90E+00

Note:

NC = Not Calculated

TABLE 5.5.91

RISK ASSESSMENT SUMMARY FOR CONSTRUCTION/ UTILITY WORKER
NORTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.78)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Cobalt	--	1.98E-01	7.99E-02	5.94E-04	2.79E-01	6.22
			Copper	--	1.47E+00	NC	4.42E-03	1.48E+00	33.01
			Nickel	body weight	7.97E-01	1.43E+00	5.98E-02	2.29E+00	51.08
			Zinc	clinical effects	4.32E-01	NC	1.30E-03	4.33E-01	9.68
			Chemical Total		2.90E+00	1.51E+00	6.61E-02	4.48E+00	
		Exposure Point Total						4.48E+00	
	Exposure Medium Total							4.48E+00	
Medium Total								4.48E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**4.5E+00**	100.00

Total Body Weight HI Across All Media =	2.29E+00
Total Clinical Effects HI Across All Media =	4.33E-01
Total Unknown HI Across All Media =	1.76E+00

Note:

NC = Not Calculated

TABLE 5.5.92

RISK ASSESSMENT SUMMARY OF CONSTRUCTION/ UTILITY WORKER
FORMER FUEL OIL TANK AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Construction/ Utility Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Chemicals of Potential Concern (COPCs)*	*Non-Carcinogenic Hazard Quotient (Refer to Table 5.5.84)*					*hi*
				Primary Target Organ	*Ingestion*	*Inhalation*	*Dermal*	*Exposure Routes Total*	*% constribution*
Soil	Soil	On-Site	Copper	--	1.67E+00	NC	5.01E-03	1.68E+00	32.58
			Manganese	central nervous system	1.58E-01	6.11E-01	1.18E-02	7.81E-01	15.18
			Nickel	body weight	8.68E-01	1.56E+00	6.51E-02	2.49E+00	48.39
			Chemical Total		2.70E+00	2.17E+00	8.19E-02	4.95E+00	
		Exposure Point Total						4.95E+00	
	Exposure Medium Total							4.95E+00	
Medium Total								4.95E+00	
				Total Hazard Index Across All Media and All Exposure Routes				**4.9E+00**	96.16

Total Central Nervous System HI Across All Media =	7.81E-01
Total Body Weight HI Across All Media =	2.49E+00
Total Unknown HI Across All Media =	1.68E+00

Note:

NC = Not Calculated

TABLE 6.1
HABITAT COVER TYPES and VEGETATION INVENTORY

RACER Property
Elyria, Lorain County, Ohio

Mowed Lawn

Coronilla varia	Crown vetch
Daucus carota	Wild carrot
Digitaria sanguinalis	Crabgrass
Plantago lanceolata	English plantain
Poa pratensis	Kentucky bluegrass
Setaria sp.	Foxtail grass
Taraxacum officinale	Common dandelion
Trifolium pratense	Red clover

Sparsely Vegetated Areas (Concrete Pads; Railroad Tracks; Access Roads)

Juncus tenuis	Path rush
Phragmites australis	Common reed
Populus deltoides	Eastern cottonwood (saplings)
Vernascum thapsus	Common mullein

Wooded Hedgerow (Open Drainage Ditches)

Cornus racemosa	Gray dogwood
Dipsacus sylvestris	Teasel
Eleaganus umbellata	Autumn olive
Fraxinus americana	White ash
Phalaris arundinacea	Reed canary grass
Polygonum virginianum	Jumpseed
Populus deltoides	Eastern cottonwood
Quercus rubra	Northern red oak
Rosa multiflora	Multiflora rose
Setaria sp.	Foxtail grass
Solidago sp.	Goldenrod
Verbascum thapsus	Common mullein
Vitis sp.	Grape

Forested Wetlands / Vernal Pools

Acer rubrum	Red maple
Carex grayi	Gray's sedge
Carex vulpinoidea	Fox sedge
Fraxinus pensylvanica	Green ash
Lindera benzoin	Spicebush
Polygonum persicaria	Lady's thumb
Quercus bicolor	Swamp white oak
Rosa multiflora	Multiflora rose
Smilax rotundifolia	Greenbrier
Ulmus rubra	Slippery elm

Thicket

Apocynum medium	Intermediate dogbane
Asclepias syriaca	Common milkweed
Cirsium arvense	Canada thistle
Cornus racemosa	Gray dogwood
Daucus carota	Wild carrot
Dipsacus sylvestris	Teasel
Elaeagnus umbellata	Autumn olive
Eupatorium rugosum	White snakeroot
Lonicera japonica	Japanese honeysuckle
Rubus allegheniensis	Common blackberry

Areas of Ponded Water

Lemna sp.	Duckweed
Phalaris arundinacea	Reed canary grass
Salix nigra	Black willow
Typha latifolia	Broad-leaved cattail

Emergent & Scrub-Shrub Wetlands

Juncus effusus	Common rush
Phalaris arundinacea	Reed canary grass
Rosa multiflora	Multiflora rose
Salix nigra	Black willow
Scirpus validus	Soft-stemmed bulrush
Typha latifolia	Broad-leaved cattail

Mature Deciduous Woods

Acer rubrum	Red maple
Carya ovata	Shagbark hickory
Fraxinus americana	White ash
Ligustrum obtusifolium	Japanese privet
Lonicera japonica	Japanese honeysuckle
Parthenocissus quinquefolia	Virginia creeper
Platanus occidentalis	Sycamore
Polygonum virginianum	Jumpseed
Quercus alba	White oak
Quercus rubra	Northern red oak
Rhus radicans	Poison ivy
Rosa multiflora	Multiflora rose
Tilia americana	American basswood

Upland Meadow (Periodically Mowed & Unmowed)

Achillea millefolium	Yarrow
Apocynum medium	Intermediate dogbane
Cirsium arvense	Canada thistle
Daucus carota	Wild carrot
Dipsacus sylvestris	Teasel
Elaeagnus umbellata	Autumn olive (saplings)
Oxalis europaea	Yellow wood sorrell
Plantago lanceolata	English plantain
Populus deltoides	Eastern cottonwood (saplings)
Setaria sp.	Foxtail grass
Solidago sp.	Goldenrod
Taraxacum officinale	Common dandelion
Asclepias syriaca	Common milkweed

Appendix A

Soil Boring Logs and Monitoring Well Construction Logs

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-200
DATE COMPLETED: August 8, 2011
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.92						
	GRAVELLY MATERIAL, with silty clay, friable, black, moist	1.33		1SS 1-3' -001		90	37	0.0
2	SP/GP-SAND AND GRAVEL, coarse gravel, grayish blue	3.00						
4	- becoming silty sand, friable, light brown, blue tint, dry at 2.2ft BGS			2SS		60	11	0.0
	CL-SILTY CLAY, brownish black	4.80						
	SP-SILTY SAND, white, moist, sticky	5.00		3SS 5-7' -002		80	23	0.0
6	CL-SILTY CLAY, firm, low plasticity, brownish black							
8	- firm, compact, medium plasticity, light brown, dry at 7.0ft BGS			4SS		100	9	0.0
	- soft, black, moist at 8.7ft BGS							
10	- weathered sandstone, grayish brown, wet, sticky at 9.0ft BGS	10.00		5SS		40	50/ 5"	0.0
	END OF BOREHOLE @ 10.0ft BGS							
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-201
DATE COMPLETED: August 8, 2011
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.55						
2	CL-SILTY CLAY, trace coarse gravel, firm, friable, brownish black, dry			1SS		60	8	0.0
	- grayish brown at 3.0ft BGS							
4	- silty sand, trace coarse gravel, loose, reddish brown, moist at 3.5ft BGS			2SS -3-5'. -003		85	9	0.0
	- becoming silty clay at 4.5ft BGS							
6	- with fine sand, soft, high plasticity, grayish olive green, moist at 5.0ft BGS			3SS -5-7'. -004		80	6	0.0
	- increase in compaction, brown, dry at 6.5ft BGS							
8	- grayish olive green at 7.0ft BGS			4SS		90	9	0.0
	- light brown at 7.5ft BGS							
		9.50						
10	CL-SILTY CLAY, compact, low plasticity, homogeneous, brown, dry			5SS		95	13	0.0
	END OF BOREHOLE @ 10.0ft BGS	11.00						
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-202
DATE COMPLETED: August 8, 2011
DRILLING METHOD: 3-1/4" HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL	0.50		1SS		100	7	0.0
2	CL-SILTY CLAY, firm, friable, dark brown, dry	2.00						
	CL-SILTY CLAY, brown, dry - silty sand, loose, black, moist from 3.0 to 3.4ft BGS			2SS (2-4' -006)		95	5	1.1
4								
	silty sand, loose, black, wet, slight odor	5.30		3SS (4-6' -005)		80	5	0.0
6								
		7.20		4SS		80	7	0.0
8	CL-SILTY CLAY, firm, low plasticity, light brown, dry	8.00						
	CL-SILTY CLAY, firm, homogeneous, grayish brown, orange mottling, dry			5SS		70	10	0.0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								
36								
38								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-203
DATE COMPLETED: August 8, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL, roots	0.50		1SS			12	0.0
2	CL-SILTY CLAY, firm, brownish black, dry - softer, increase in moisture at 2.0ft BGS			2SS			16	0.0
4	CL-SILTY CLAY, low plasticity, grayish brown, moist	4.00		3SS 4-6' -007			6	0.0
6	- soft, black, moist at 6.0ft BGS - silty sand, fines, firm, friable, brown, moist at 6.5ft BGS			4SS 6-8' -008			10	0.0
8	CL-SILTY CLAY, smooth, homogeneous, high plasticity, brown, moist	8.00		5SS			8	0.0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG
(OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-204
DATE COMPLETED: August 8, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-SILTY CLAY, rootlets, loose, friable, brown, dry			1SS			6	0.0
2	CL-SILTY CLAY, stiff, brownish black, orange mottling, dry	2.00		2SS			16	0.0
4				3SS			8	0.0
6	- medium plasticity, becoming grayish brown, moist at 6.0ft BGS			4SS 6-8' -009			10	0.0
8	- increase in moisture at 8.0ft BGS			5SS 8-10' -010			7	0.0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-205
DATE COMPLETED: August 8, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CL-SILTY CLAY, rootlets, brown			1SS		75	8	0.0
	- sand, fines, loose, brown, dry at 1.0ft BGS							
	- sand, crushed rock, gray at 1.2ft BGS							
2	SP-SAND, crushed limestone, trace slag rock pieces, gray, moist, sticky	2.00		2SS 2-3'-012		35	50/2"	0.0
				3SS		35	50/3"	0.0
4	SP-SAND, coarse grained, coarse limestone, loose, grayish blue, moist	4.00		4SS		25	50/5"	0.0
6	- trace slag-type material, gravelly, turquoise blue at 6.0ft BGS			5SS		40	50/3"	0.0
8				6SS 7.5-9.5'-013		35	--	0.0
	- REFUSAL at 9.5ft BGS	9.50						
10	END OF BOREHOLE @ 9.5ft BGS							
12								
14								
16								
18								
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26								
28								
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32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-206
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL, roots	0.50		1SS			9	0.0
2	CL-SILTY CLAY, soft, brown, orange mottling, moist - increase in compaction, dry to moist at 2.0ft BGS			2SS			14	0.0
4	CL-CLAY, firm, low plasticity, brown, with orange and gray mottling, moist	4.00		3SS 4-6' -014			9	0.0
6				4SS			14	0.0
8	- becoming darker brown at 8.0ft BGS			5SS 8-10' -015			14	0.0
10	- fine clayey silt, firm, low plasticity, gray, moist at 9.6ft BGS	10.00						
	END OF BOREHOLE @ 10.0ft BGS							
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-207
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL, roots, moist							
	CL-CLAY, trace black slag pieces, firm, brown, moist	0.80		1SS 0-2' -016			6	0.0
2	CL-CLAY, firm, friable, homogeneous, brown, slightly moist	2.00		2SS			14	0.0
4	- firm, becoming grayish black, moist at 4.0ft BGS							
	- firm, becoming light brownish gray, orange mottling, moist at 5.0ft BGS			3SS 4-6' -017			6	0.0
6	- stiff at 6.0ft BGS			4SS			17	0.0
8	- stiff, becoming dark brown, moist at 8.0ft BGS			5SS			6	0.0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
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24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-208
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-SILTY CLAY, roots, firm, friable, dark brown, moist			1SS 0-2' -018			12	0.0
2	CL-SILTY CLAY, firm, dark brown, moist	2.00		2SS			12	0.0
4				3SS 4-6' -019			6	0.0
6	- becoming grayish black at 6.0ft BGS			4SS			13	0.0
8	- medium plasticity, becoming light brownish gray, orange streaking, dry to moist at 7.2ft BGS			5SS			6	0.0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
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24								
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28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-209
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-SILTY CLAY, roots, dark brown			1SS 0-2' -020		90	6	0.0
2	- sand, loose, blue, moist at 1.8ft BGS	2.00						
	CL-SILTY CLAY, firm to stiff, light brown, dry			2SS 2-4' -021		100	10	0.0
4				3SS		100	15	0.0
6	CL-SILTY CLAY, stiff, brown, dry	6.00		4SS		80	31	0.0
8	- very stiff, gray at 7.8ft BGS - very stiff, grayish brown at 8.0ft BGS							
	- silty sand, loose, wet at 8.5ft BGS	8.80		5SS		60	144	0.0
10	SANDSTONE, weathered, broken, gray, dry	10.00						
	END OF BOREHOLE @ 10.0ft BGS							
12								
14								
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18								
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24								
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28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-210
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL, rootlets	0.50		1SS -0-2'-022		70	7	0.0
2	CL-SILTY CLAY, brown - sandy material, medium grained, blue, moist at 1.6ft BGS	2.40		2SS		80	7	0.0
4	CL-SILTY CLAY, firm, homogeneous, light brown, orange and gray mottling, dry			3SS -4-6'-023/024		100	6	0.0
6	- becoming very stiff at 6.0ft BGS			4SS		90	11	0.0
8	- very stiff at 8.0ft BGS			5SS		100	12	0.0
10	- weathered sandstone, gray, dry at 9.8ft BGS END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
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18								
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24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-211
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-SILTY CLAY, rootlets, dark brown			1SS		60	7	0.0
2	CL-SILTY CLAY, brown, gray mottling, dry	2.00		2SS -2-4'-025		70	15	0.0
4	- softer, slightly moist at 4.0ft BGS			3SS -4-6'-026		100	4	0.0
6	CL-SILTY CLAY, very stiff, brown, orange mottling, dry	6.00		4SS		100	23	0.0
8	- dark brown at 8.0ft BGS - very stiff, becoming gray, dry at 9.0ft BGS			5SS		70	51	0.0
10	- weathered sandstone, broken, gray ,dry at 9.6ft BGS	10.00						
	END OF BOREHOLE @ 10.0ft BGS							
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2SS)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-212
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL, roots	0.50		1SS		90	6	0.0
2	CL-SILTY CLAY, firm, brownish orange, dry			2SS		80	9	0.0
4	- silty sand, soft, greenish blue, moist at 3.3ft BGS	4.00		3SS 4-6' -028		90	1	0.0
6	CL-SILTY CLAY, soft, brown, moist - silty sand, fines, soft, greenish blue, moist at 5.4ft BGS - silty clay, soft, grayish brown, moist at 6.6ft BGS			4SS 6-8' -027		90	11	0.0
8	- increase in silty sand, soft, black, moist to wet at 8.0ft BGS			5SS		60	2	0.0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: SB-213
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	TOPSOIL, roots	0.50		1SS			7	0.0
	CL-SILTY CLAY, soft, dark brown, moist							
2	CL-SILTY CLAY, firm, brown with orange and gray mottling, dry	2.00		2SS			12	0.0
4				3SS 4-6' -029			13	0.0
6				4SS 6-8' -030			32	0.0
8	SM-SILTY SAND, fines, brown, wet, sticky	8.00		5SS			69	0.0
	- weathered sandstone, friable, gray, moist at 8.9ft BGS							
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

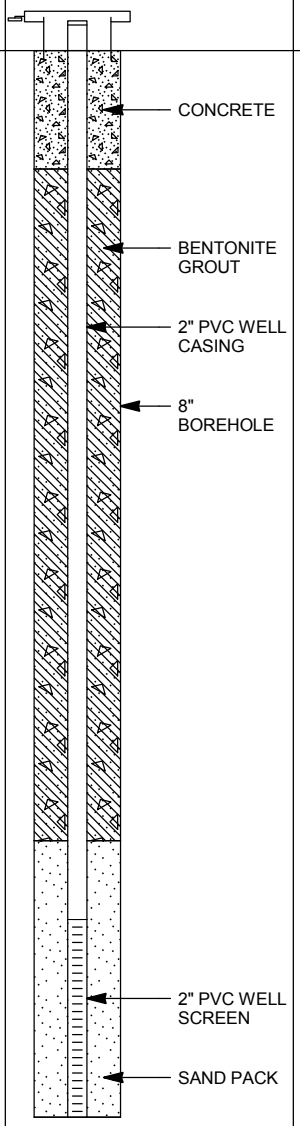
OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 9/30/11

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-15R
DATE COMPLETED: August 11, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	TOPSOIL, roots, dark brown	0.50
	CL-SILTY CLAY, firm, dark brown, moist	
2	- increase in compaction, dry to moist at 2.0ft BGS	
4	- firm, light brown, grayish tint, orange mottling, moist at 4.0ft BGS	
6	- orange mottling at 6.0ft BGS	
	- darker brown at 7.1ft BGS	
8		
	- darker brown to gray, moist to wet at 9.2ft BGS	
10	- with gray sandstone chips at 10.0ft BGS	
	- REFUSAL at 11.8ft BGS	
12	BEDROCK (Berea Sandstone)	12.00
14		
16		
18		
20		
22		
24		
26		
	END OF BOREHOLE @ 27.0ft BGS	27.00
28		
30		
32		
34		



WELL DETAILS
Screened interval:
22.00 to 27.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
3.00 to 20.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
20.00 to 27.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		100	7	0.0
2SS		95	14	0.0
3SS		100	9	0.0
4SS		100	15	0.0
5SS		90	12	0.0
6SS		40	43	0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

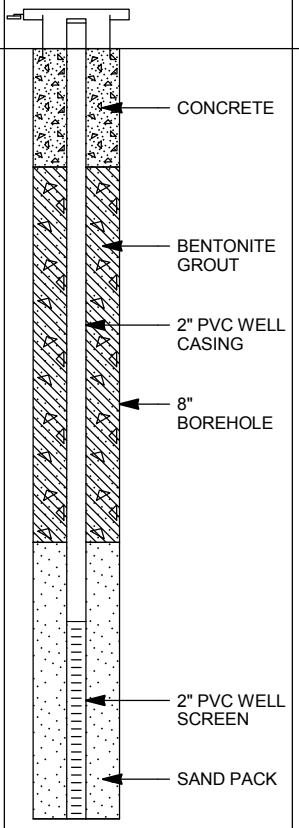
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-16R
DATE COMPLETED: August 10, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	TOPSOIL	0.50
	CL-SILTY CLAY, trace gravel, dark brown	
2	CL-SILTY CLAY, friable, black, moist to dry	2.00
4	- increase in moisture at 4.0ft BGS - grayish brown at 4.6ft BGS	
6	- firm, moist at 6.0ft BGS - black, moist at 6.5ft BGS	
		7.00
8	CL-SILTY CLAY, medium plasticity, grayish brown, moist	
10	- trace weathered sandstone, gray, moist at 10.0ft BGS	
12		
	- competent at 13.0ft BGS	13.00
14	SANDSTONE	
16		
18		
		19.50
20	END OF BOREHOLE @ 19.5ft BGS	
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
14.50 to 19.50ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
3.00 to 12.50ft BGS
Material: BENTONITE GROUT
Sand Pack:
12.50 to 19.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE
1SS			8
2SS			14
3SS			7
4SS			11
5SS			10
6SS			13

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

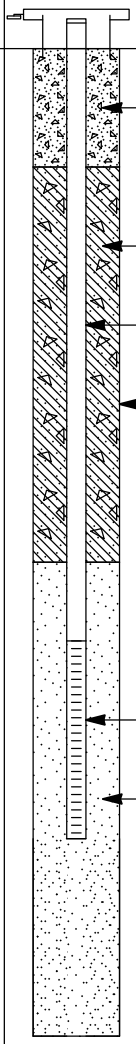
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-17
DATE COMPLETED: August 11, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	TOPSOIL, roots	0.50
2	CL-SILTY CLAY, dark brown, moist - firm, light brown at 2.0ft BGS - 0.4' turquoise blue sandy material, dry at 2.3ft BGS	
4		
6	CL-SILTY CLAY, stiff, friable, dark brown, dry - very stiff, grayish brown at 7.2ft BGS	5.80
8		
10	- weathered sandstone, gray, dry at 9.0ft BGS - boulder or sandstone bedrock seam at 9.6ft BGS	
12	CL-SILTY CLAY, reddish brown, dry	11.00
14		
16		
18		
20		
22		
24		
26	END OF BOREHOLE @ 25.0ft BGS	25.00
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
15.00 to 20.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
3.00 to 13.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
13.00 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		100	6	0.0
2SS		100	9	0.0
3SS		90	11	0.0
4SS		80	10	0.0
5SS		40	50/4"	0.0
6AR				

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: OW-1R
DATE COMPLETED: August 11, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	TOPSOIL, trace roots	0.50	CONCRETE	1SS				0.0
2	CL-SILTY CLAY, soft, dark brown, moist - increase in firmness, dry to moist at 1.0ft BGS		BENTONITE GROUT					
4	- silty sand, trace gravel (fines), wet at 4.0ft BGS		2" PVC WELL CASING	2SS				0.0
6		6.50						
8	CL-SILTY CLAY, trace gravel and cobbles, brown, moist		8" BOREHOLE					
10			2" PVC WELL SCREEN	3SS				0.0
12	SANDSTONE, bedrock	12.00	SAND PACK	4SS				0.0
14	END OF BOREHOLE @ 13.0ft BGS	13.00						
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
8.00 to 13.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 6.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
6.00 to 13.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: P-5R
DATE COMPLETED: August 10, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL-SILTY CLAY, dark brown, moist		CONCRETE				
2							
4			BENTONITE GROUT				
4	- grayish brown, dry at 5.0ft BGS						
6			2" PVC WELL CASING				
6	- light brownish gray, dry at 7.0ft BGS						
8			8" BOREHOLE				
10							
12	- weathered sandstone, gray at 12.0ft BGS						
14	- competent bedrock-berea sandstone at 13.5ft BGS						
16							
18							
20							
22							
24							
26			2" PVC WELL SCREEN				
28			SAND PACK				
29	END OF BOREHOLE @ 29.0ft BGS	29.00					
30							
32							
34							

WELL DETAILS
Screened interval:
24.00 to 29.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
3.00 to 22.00ft BGS

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: P-5R
DATE COMPLETED: August 10, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	
36			Material: BENTONITE GROUT Sand Pack: 22.00 to 29.00ft BGS Material: SAND					
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

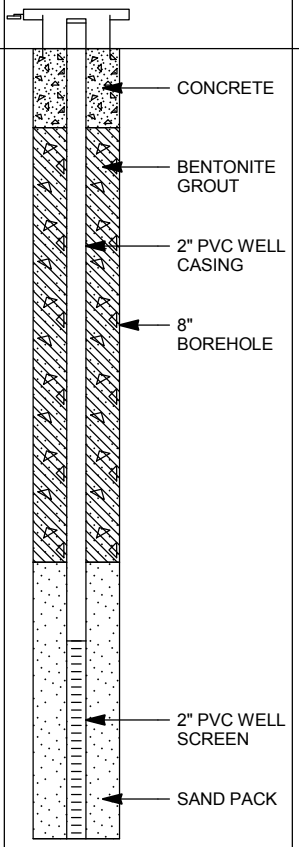
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: P-5SR
DATE COMPLETED: August 9, 2011
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	TOPSOIL, roots	0.50
	CL-SILTY CLAY, trace coarse gravel, brown, dry	2.00
2	CL-SILTY CLAY, firm, dark brown, dry	
4	- grayish brown at 5.0ft BGS	
6	- light brownish gray at 7.1ft BGS	
8	- firm, dry at 8.0ft BGS	
10	- stiff at 10.0ft BGS	
12	SANDSTONE, weathered, gray	12.00
14	- competent at 14.5ft BGS	
16		
18		
20	END OF BOREHOLE @ 20.0ft BGS	20.00
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
15.00 to 20.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 13.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
13.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE
1SS			9
2SS			20
3SS			9
4SS			11
5SS			5
6SS			12
7AR			50/ 4"

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

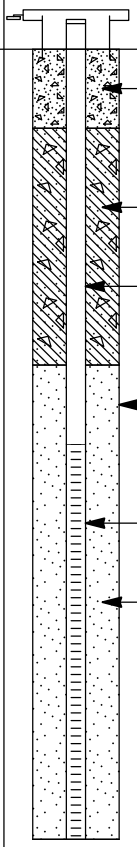
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-18
DATE COMPLETED: June 11, 2012
DRILLING METHOD: HSA / SS
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CL-SILTY CLAY, friable, brown, moist	
	- loose, reddish brown, small piece of cloth at 1.2ft BGS	
2	- loose, friable, with turquoise greenish blue pasty material at 1.6ft BGS	2.00
	CL-SILTY CLAY, loose, brownish red, moist, small piece of white cloth	
4	- firm, medium plasticity, gray clay, moist at 3.6ft BGS	4.00
6	CL-SILTY CLAY, firm, low plasticity, grayish brown, dry	6.00
	CL-SILTY CLAY, stiff, dark brown, dry	
8		
	WEATHERED SANDSTONE, light brown, dry	9.00
10		
12		
14	- stiff, friable, gray, dry at 14.0ft BGS	
16		
	- becoming brownish gray from 17.0 to 17.6ft BGS	
18	WEATHERED SHALE, friable, stiff, light brownish gray, dry	18.00
20		
22	- brownish gray, dry from 22.0 to 22.3ft BGS	
24	- brownish gray, dry from 24.0 to 24.3ft BGS	
26		
28		
30		
32		
	END OF BOREHOLE @ 33.0ft BGS	33.00
34		

MONITORING WELL



WELL DETAILS
Screened interval:
10.00 to 20.00ft BGS
Length: 10ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 8.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
8.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				0.2
1SS 0-2'		100	8	
				0.7
2SS		100	6	0.4
3SS		50	5	0.4
4SS		80	11	0.3
5SS		50	NA	0.4
6SS		10	22	0.3
7SS		5	30	0.3
9SS		80	34	0.4
10SS		70	53	0.4
11SS 18-20'		95	70	0.4

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

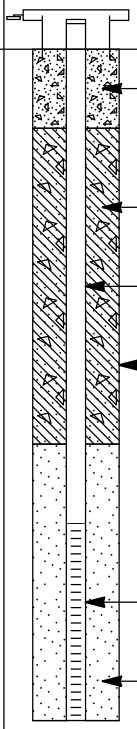
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-19
DATE COMPLETED: June 11, 2012
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CL/SC-CLAY/CLAYEY SAND, trace sand, poorly graded, friable, dark brown, dry	
2	- stiff, increase in gray mottling, dry at 2.0ft BGS	2.00
4	- stiff, decrease in gray mottling, dry at 4.0ft BGS	
6		
8	WEATHERED SANDSTONE, loose, gray, dry	8.00
	SANDSTONE, fine grained, light brown, moist	
10		
12		
14		
16		
	END OF BOREHOLE @ 17.0ft BGS	17.00
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
12.00 to 17.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 10.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
10.00 to 17.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		90	10	0.2
2SS		80	11	0.2
3SS		60	11	0.2
4SS		80	28	0.2
5SS 8-9'		10	NA	0.2

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5SS)

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 7/10/12

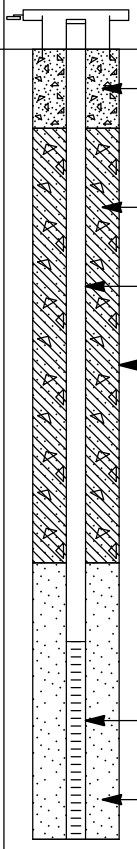
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-20
DATE COMPLETED: June 12, 2012
DRILLING METHOD: HSA / AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CL-SILTY CLAY, friable, dark brown - with blue metallic slag material at 1.0ft BGS	
2	SC-CLAYEY SAND, firm, dark brown, dry	1.50 2.00
	CL/SC-CLAY/CLAYEY SAND, trace fine sand, fine grained, compact, medium plasticity, light brown clay, gray mottling, moist	
4	SC-CLAYEY SAND, fine grained, friable, poorly graded, brown, moist	4.00
6		
	- SM-SILTY SAND, poorly graded, increasing fines in clayey sand, high plasticity, wet from 7.2 to 8.0ft BGS	
8	- increase in clayey sand, high plasticity at 7.5ft BGS	8.00
10	CL/SC-CLAY/CLAYEY SAND, very firm, dark brownish gray, dry	
	- sandstone, fine and coarse pieces, gray from 9.5 to 10.0ft BGS	12.00
12	END OF BOREHOLE @ 12.0ft BGS	
14		
16		
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
15.00 to 20.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 13.00ft BGS
Material: BENTONITE GROUT
Sand Pack:
13.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		100	9	0.4
2SS		90	15	0.3
3SS		90	7	0.4
4SS 6-8'			6	0.8
5SS			13	

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

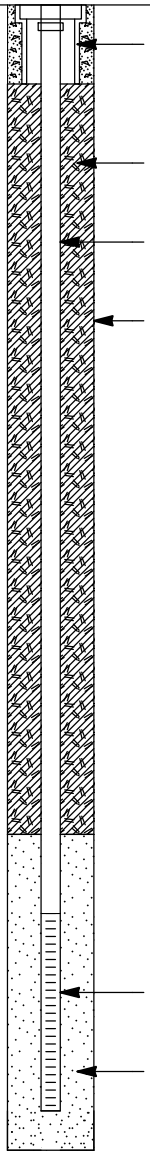
OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 7/10/12

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-21D
DATE COMPLETED: March 7, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT/GRAVEL (FILL) MATERIAL	
2	CL/ML-SILTY CLAY, with sand, friable, fine grained, brown, moist	2.00
4	- compact, low plasticity, black, slight sulfur odor at 4.0ft BGS	
6	CL-CLAY, with silty sand, compact, friable, light brown, dry	6.00
	- wet at 7.5ft BGS	
8	CL/ML-SILTY CLAY, soft, light brown, moist	8.00
		9.20
10	SM-SILTY SAND, trace fine gravel, compact, black, dry, wet	10.00
	SM-SILTY SAND, with coarse gravel, loose, fine grained, poorly graded, gray, black, wet	
12	CL/ML-SILTY CLAY, very stiff, gray, dry	12.00
	- trace light brown from 12.6 to 12.8ft BGS	
14	SANDSTONE, weathered, loose, very fine grained, with coarse grained, gray, moist to dry	14.00
		15.00
16	SANDSTONE/BEDROCK, gray	
18		
20	- softer at 21.0ft BGS	
22	- competent from 23.0 to 24.0ft BGS	
24	BEDROCK (Bedford Shale Formation), weathered, reddish brown	24.00
26		
28		
	END OF BOREHOLE @ 29.0ft BGS	29.00
30		
32		
34		



WELL DETAILS
Screened interval:
23.00 to 28.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 21.00ft BGS

SAMPLE			
NUMBER	INTERVAL	REC (%)	'N' VALUE

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 4/30/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-21D
DATE COMPLETED: March 7, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	
36			Material: BENTONITE CHIPS Sand Pack: 21.00 to 29.00ft BGS Material: SAND					
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

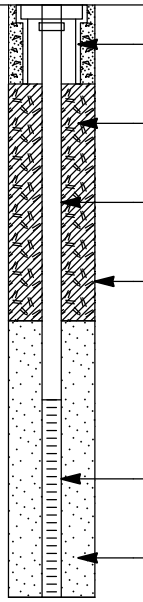
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-21S
DATE COMPLETED: March 6, 2013
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT/GRAVEL (FILL) MATERIAL	
2	CL/ML-SILTY CLAY, with sand, friable, fine grained, brown, moist	2.00
4	- compact, low plasticity, black, slight sulfur odor at 4.0ft BGS	
6	CL-CLAY, with silty sand, compact, friable, light brown, dry - wet at 7.5ft BGS	6.00
8	CL/ML-SILTY CLAY, soft, light brown, moist	8.00
	SM-SILTY SAND, trace fine gravel, compact, black, dry, wet	9.20
10	SM-SILTY SAND, with coarse gravel, loose, fine grained, poorly graded, gray, black, wet	10.00
12	CL/ML-SILTY CLAY, very stiff, gray, dry - trace light brown from 12.6 to 12.8ft BGS	12.00
14	SANDSTONE, weathered, loose, very fine grained, with coarse grained, gray, moist to dry	14.00
	REFUSAL - BEDROCK	15.00
16	END OF BOREHOLE @ 16.0ft BGS	16.00
18		
20		
22		
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
10.00 to 15.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 8.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
8.00 to 15.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				0.6
1SS		40	50/2"	0.4
2SS		50	12	0.1
3SS			28	0.2
4SS		60	12	0.7
5SS		35	28	0.8
6SS		30	28	0.6
7SS		30	50/4"	0.2

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-22D
DATE COMPLETED: March 7, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL/ML-SILTY CLAY, friable, light brown, dry		CONCRETE				
2	- orange mottling, grayish brown at 2.2ft BGS						
	- firm, friable, homogeneous, brown, dry at 3.0ft BGS		BENTONITE CHIPS				
4							
6	SM-SILTY SAND, loose, fines, poorly graded, gray	6.00	2" PVC WELL CASING				
	- wet at 6.7ft BGS	7.00					
8	CL/ML-SILTY CLAY, soft, medium plasticity, gray, moist		8" BOREHOLE				
	- with fine silty sand, grayish brown at 8.4ft BGS						
10	- firm, brown from 9.0 to 11.0ft BGS						
	- increase in firmness/stiff from 10.0 to 10.5ft BGS						
12	- becoming weathered sandstone, loose, coarse grained, with fine sand, gray, most to wet from 10.5 to 11.0ft BGS						
14							
16							
	- increase in gray coarse sand, trace grayish brown silty clay from 17.0 to 19.0ft BGS						
18							
	- increase in grayish brown silty sand, trace coarse sandstone from 19.0 to 20.4ft BGS						
20	SANDSTONE/BEDROCK, competent, gray	20.40					
	- softer bedrock, increase in water bearing zone at 21.0ft BGS		2" PVC WELL SCREEN				
22							
24	- becoming competent sandstone at 24.0ft BGS		SAND PACK				
26	END OF BOREHOLE @ 26.0ft BGS	26.00					
28							
30							
32							
34							

WELL DETAILS
Screened interval:
21.00 to 26.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 19.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
19.00 to 26.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 4/30/13

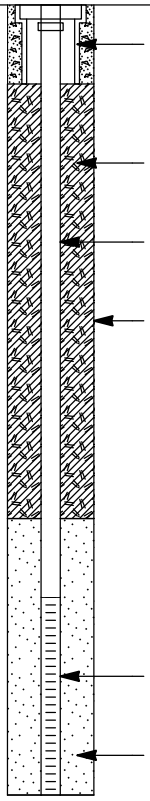
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-22S
DATE COMPLETED: March 6, 2013
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CL/ML-SILTY CLAY, friable, light brown, dry	
2	- orange mottling, grayish brown at 2.2ft BGS - firm, friable, homogeneous, brown, dry at 3.0ft BGS	
4		
6	SM-SILTY SAND, loose, fines, poorly graded, gray	6.00
	- wet at 6.7ft BGS	7.00
8	CL/ML-SILTY CLAY, soft, medium plasticity, gray, moist	
10	- with fine silty sand, grayish brown at 8.4ft BGS - firm, brown from 9.0 to 11.0ft BGS	
12	- increase in firmness/stiff from 10.0 to 10.5ft BGS - becoming weathered sandstone, loose, coarse grained, with fine sand, gray, most to wet from 10.5 to 11.0ft BGS	
14		
16	- increase in gray coarse sand, trace grayish brown silty clay from 17.0 to 19.0ft BGS	
18		
20	- increase in grayish brown silty sand, trace coarse sandstone from 19.0 to 21.0ft BGS - REFUSAL - BEDROCK at 20.4ft BGS	
	END OF BOREHOLE @ 21.0ft BGS	21.00
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
15.00 to 20.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 13.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
13.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		75	11	0.1
2SS		70	10	0.1
3SS		60	10	0.1
4SS		70	7	0.2
5SS		50	20	0.3
6SS		30	16	0.1
7SS		30	19	0.1
8SS			50/ 3"	--
9SS			50/ 3"	--
10SS		30	50/ 4"	--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-23D
DATE COMPLETED: March 8, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL/ML-SILTY CLAY, with sand, loose, fine and medium grained, well graded, brown, dry		CONCRETE				
2							
3	CL/ML-SILTY CLAY, medium plasticity, friable, dark brown, moist	3.00	BENTONITE CHIPS				
4							
5	CL/ML-SILTY CLAY, firm, medium plasticity, friable, brownish gray, dry	5.00					
6			2" PVC WELL CASING				
7	- trace fine gravel at 7.0ft BGS						
8	- becoming gray at 8.4ft BGS - dark brown, moist at 9.0ft BGS		8" BOREHOLE				
9							
10	- very stiff, sandstone cobbles in spoon at 9.5ft BGS						
11	SANDSTONE, competent, gray	11.00					
12							
13							
14							
15	- soft spot in bedrock at 15.5ft BGS						
16							
17							
18	- competent at 18.0ft BGS		2" PVC WELL SCREEN				
19			SAND PACK				
20	END OF BOREHOLE @ 20.0ft BGS	20.00					
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							

WELL DETAILS
Screened interval:
15.00 to 20.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 13.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
13.00 to 20.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-23S
DATE COMPLETED: March 6, 2013
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL/ML-SILTY CLAY, with sand, loose, fine and medium grained, well graded, brown, dry		CONCRETE					
2			BENTONITE CHIPS	1SS		10	6	0.1
		3.00						
4	CL/ML-SILTY CLAY, medium plasticity, friable, dark brown, moist		2" PVC WELL CASING	2SS		30	7	0.2
		5.00	8" BOREHOLE					
6	CL/ML-SILTY CLAY, firm, medium plasticity, friable, brownish gray, dry			3SS		40	11	0.2
	- trace fine gravel at 7.0ft BGS							
8	- becoming gray at 8.4ft BGS		2" PVC WELL SCREEN	4SS		40	15	0.2
	- dark brown, moist at 9.0ft BGS							
10	- very stiff, sandstone cobbles in spoon at 9.5ft BGS		SAND PACK	5SS		10	50/2"	0.1
	- REFUSAL - BEDROCK at 11.0ft BGS	11.00						
12	END OF BOREHOLE @ 11.0ft BGS							
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
6.00 to 11.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 4.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
4.00 to 11.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 012616WIN.GPJ CRA_CORP.GDT 4/30/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-10
DATE COMPLETED: November 25, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM-SILTY SAND, organic matter, roots, fines, loose, black, moist		CONCRETE					
2	CL-SILTY CLAY, stiff, fine grained, friable, brown, dry	2.00		1SS		90	12	0.1
4			BENTONITE CHIPS	2SS		90	12	0.1
6			2" PVC WELL CASING	3SS		90	30	0.2
	SM-SILTY SAND, compact	7.00						
8	WEATHERED SANDSTONE, fine and coarse gravel, gray, dry	7.70 8.00	8" BOREHOLE	4SS		85	29	0.2
10	CL-SILTY CLAY, trace fine sand, very stiff, brown, dry	10.00		5SS		70	28	0.2
	WEATHERED SHALE, very stiff, reddish brown, dry			6SS		20	50/5	0.1
12	WEATHERED SHALE, fines, grayish brown, dry	12.00		7SS		20	50/5	0.1
14				8SS		40	49	0.1
16								
18								
20								
22								
24								
26								
28				9HSA				
30								
32								
34								

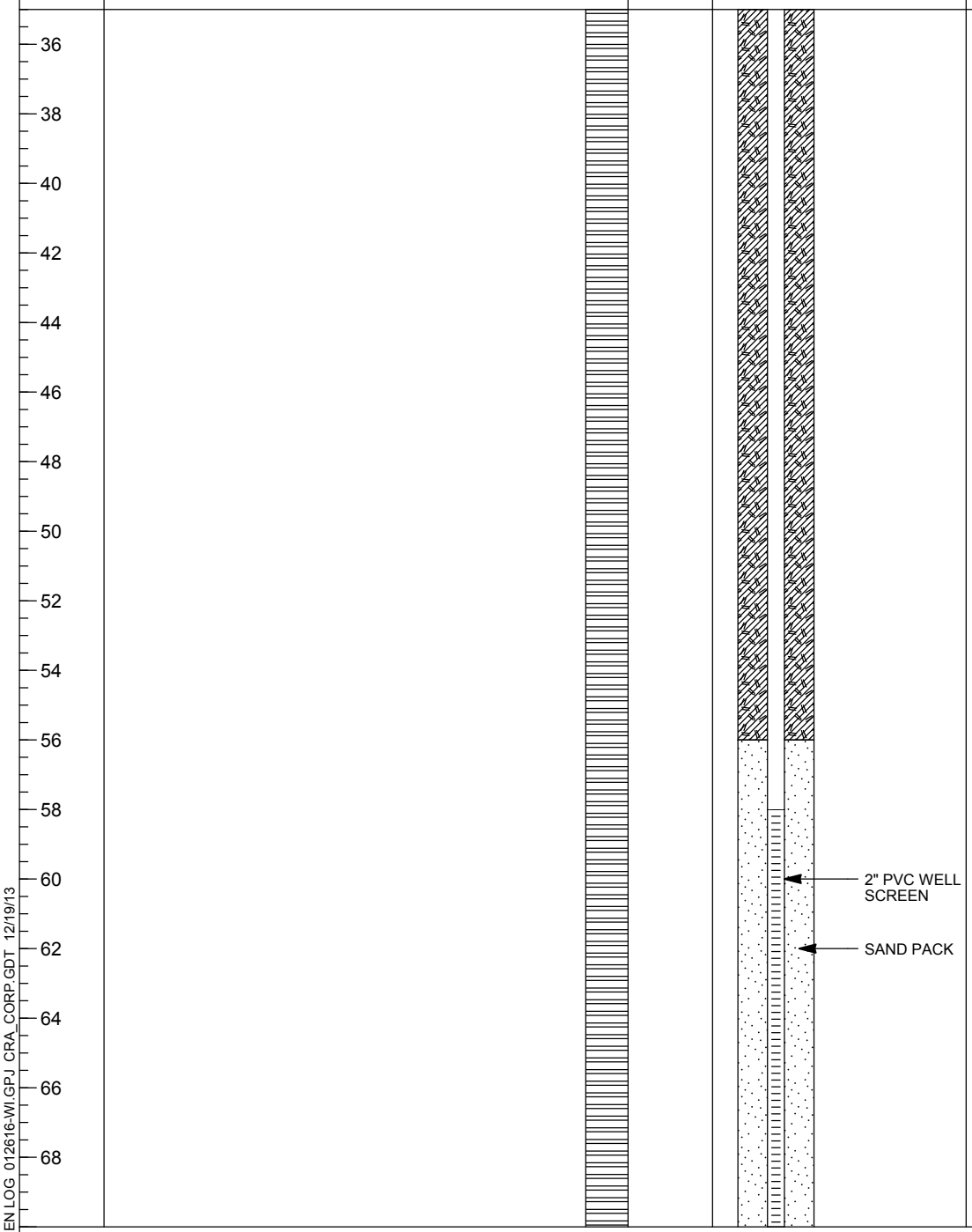
NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-10
DATE COMPLETED: November 25, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)



NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-10
DATE COMPLETED: November 25, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
72								
74								
76								
78	END OF BOREHOLE @ 78.0ft BGS	78.00	WELL DETAILS Screened interval: 58.00 to 78.00ft BGS Length: 20ft Diameter: 2in Slot Size: 0.010 Material: PVC Seal: 2.00 to 56.00ft BGS Material: BENTONITE CHIPS Sand Pack: 56.00 to 78.00ft BGS Material: SAND					
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								
102								
104								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

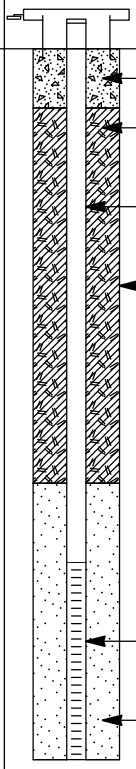
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-11
DATE COMPLETED: November 26, 2013
DRILLING METHOD: HSA/ AIR ROTARY
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	SM-SILTY SAND, organic matter, loose, fine grained, black, moist	
2	CL-SILTY CLAY, stiff, friable, grayish orange mottling	2.00
4		
6	- sandstone/shale bedrock lens, coarse fragments, dry from 5.5 to 6.0ft BGS	6.00
	WEATHERED SHALE, stiff, grayish brown, dry	
8	- becoming reddish brown at 8.5ft BGS	
10		
	WEATHERED SILTSTONE, with fine and coarse sandstone and shale gravel, gray, wet	10.80
12		12.90
	SILTSTONE, trace coarse siltstone gravel, gray, moist to dry	
14		
16		
18	END OF BOREHOLE @ 18.0ft BGS	18.00
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
13.00 to 18.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 11.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
11.00 to 18.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		100		0.1
2SS		95	14	0.1
3SS		80	34	0.1
4SS		85	32	0.1
5SS		80	44	0.1
6SS		60	45	0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

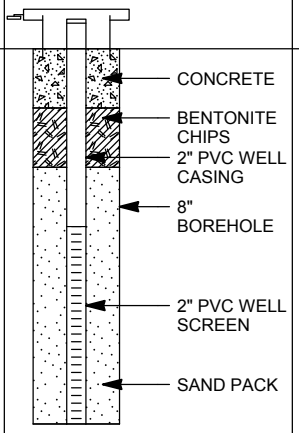
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-12
DATE COMPLETED: November 26, 2013
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CL-SILTY CLAY, trace fine and coarse gravel, firm, medium plasticity, friable, moist	
2	- fine grained, friable, grayish brown with orange mottling, moist to dry at 2.0ft BGS	
4	- becoming stiff, brown, dry at 4.0ft BGS	
6	- becoming silty clay, trace black shale, fine gravel, grayish brown, dry at 5.2ft BGS	
	CL-SILTY CLAY, very stiff, increase in fine shale gravel and siltstone gravel, brown, dry	6.00
8	SHALE, very stiff, grayish brown	8.00
	SANDSTONE, gray	9.00
10	- REFUSAL at 9.1ft BGS	9.10
	END OF BOREHOLE @ 9.1ft BGS	
12		
14		
16		
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
4.50 to 9.50ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.50 to 3.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
3.00 to 9.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1SS		90	12	0.1
2SS		75	8	0.1
3SS		40	12	0.1
4SS		80	22	0.1
5SS		75	29	0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

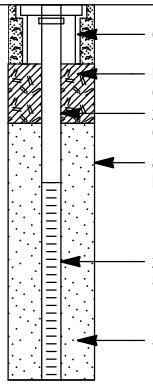
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-13
DATE COMPLETED: November 27, 2013
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	SM-SILTY SAND, loose, fine to coarse grained, black, moist	
	- with silty clay, brown at 1.3ft BGS	
2	CL-SILTY CLAY, trace fine sand, firm, medium plasticity, dry	2.00
4		
	SM-SILTY SAND (FILL), loose, fine grained, poorly graded, light brownish orange, dry	5.00
6		
	- increase in temperature in sand at 7.5ft BGS	
8		
	- REFUSAL, sandstone/ black shale, coarse gravel, dry at 9.5ft BGS	9.50
10	END OF BOREHOLE @ 9.5ft BGS	
12		
14		
16		
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
4.50 to 9.50ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.50 to 3.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
3.00 to 9.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				0.1
1SS		90	8	0.1
2SS		90	5	0.1
3SS		90	4	0.1
4SS		40	2	0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

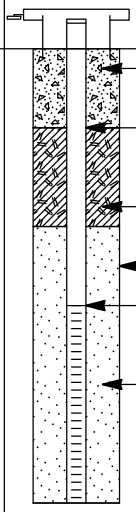
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: FD-14
DATE COMPLETED: November 27, 2013
DRILLING METHOD: HSA
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	SM-SILTY SAND, loose, fine grained, black, moist	
	CL-SILTY CLAY, firm, low plasticity, dark brown, moist	1.40
	SM-SILTY SAND, compact, fine grained, poorly graded, brown, dry	5.00
	CL-SILTY CLAY, with silty sand, firm, loose, fines, grayish brown, dry to moist	6.00
	WEATHERED SHALE, stiff, gray, dry	9.60
	- REFUSAL, siltstone, gray, dry at 11.5ft BGS	
	END OF BOREHOLE @ 12.0ft BGS	12.00

MONITORING WELL



WELL DETAILS
Screened interval:
6.50 to 11.50ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
2.00 to 4.50ft BGS
Material: BENTONITE CHIPS
Sand Pack:
4.50 to 11.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1HSA				0.1
2HSA			7	0.1
3HSA			12	0.1
4HSA			9	0.1
5HSA			24	0.1
6HSA			30	0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

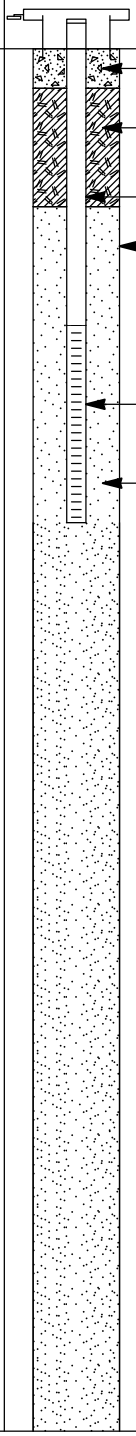
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-24S
DATE COMPLETED: March 4, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	GP-GRAVEL (FILL), silty clay, compact, grayish brown, moist	1.00
2	SM-SILTY SAND, compact, fine grained, brownish black, moist	2.50
	CL-SILTY CLAY, few fine sand, fine gravel, firm, mottled, iron streaking, gray brown, moist	
4	- increase in fine sand content at 4.8ft BGS	5.00
6	SM-SILTY SAND, firm, fine and medium grained, grayish brown, moist	
	- increase in fine sand and gravel, wet at 7.0ft BGS	7.80
8	CL-SILTY CLAY, fine sand with fine and coarse gravel and sandstone, trace shale, firm, gray, moist to wet	
10	- weathered sandstone, gray, moist at 9.5ft BGS	
	- grayish brown, very moist at 10.0ft BGS	
12	SM-SILTY SAND, fines, with coarse sandstone, loose, moist	12.00
	WEATHERED SANDSTONE, silty sand, fines, increase in coarse sandstone gravel, trace cobble, gray, moist	13.00
14		15.00
16	WEATHERED SHALE, compact, friable, reddish brown, dry	
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				2.5
1RS		100		1.1
5-7.5' -001				2.5
2RS		100		
7.5-10' -002				2.5
				2.2
3RS		100		--
				2.3
4RS		100		--
5RS				
6RS				
7RS				

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-24S
DATE COMPLETED: March 4, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
36								
38				8RS				
40				9RS				
42	END OF BOREHOLE @ 41.0ft BGS	41.00	WELL DETAILS Screened interval: 7.00 to 12.00ft BGS Length: 5ft Diameter: 2in Slot Size: 0.010 Material: PVC Seal: 1.00 to 4.00ft BGS Material: BENTONITE CHIPS Sand Pack: 4.00 to 41.00ft BGS Material: SAND					
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

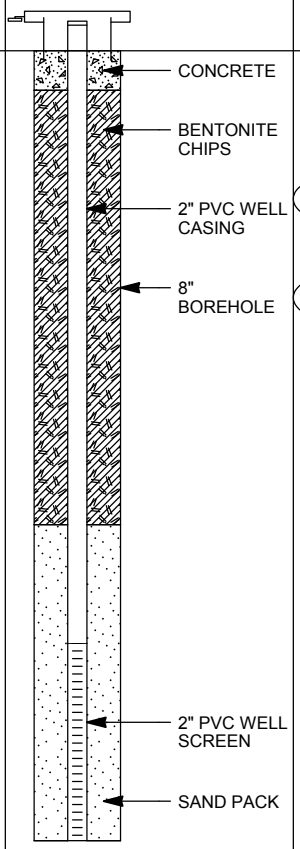
CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-25D
DATE COMPLETED: March 5, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CL-SILTY CLAY, compact, reddish brown, dry	
2		2.50
4	CL-SILTY CLAY, with coarse coal and fines, compact, fines, brown/b lack, dry	
6		7.00
8	SM-SILTY SAND, compact, fines, orange brown, moist	
10	- increase in fines at 9.5ft BGS - compact, grayish brown sand, moist at 10.0ft BGS	
12	WEATHERED SANDSTONE, hard, gray, dry	12.00
14	- increase in fines, gray at 14.0ft BGS	
16	SM-SILTY SAND AND SANDSTONE GRAVEL, wet	15.00
18	SANDSTONE, hard, gray, dry	17.50
20	END OF BOREHOLE @ 20.0ft BGS	20.00
22		
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
15.00 to 20.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 12.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
12.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				1.7
2.5-5' -003				7.1
1RS		100		
5-7.5' -004				2.1
				1.6
2RS		100		--
3RS		100		--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

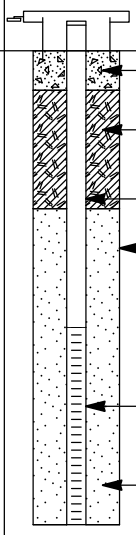
OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-25S
DATE COMPLETED: March 5, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM-SILTY SAND (FILL), with coarse coal, trace metal fragments, compact, fine to medium grained, poorly graded, black, moist		CONCRETE					1.8
2			BENTONITE CHIPS	1RS		100		
4	- compact, orange brown tint with gray mottling, moist at 3.0ft BGS		2" PVC WELL CASING	2.5-5' -005				2.3
6	SP-SAND, with gray silty firm clay, trace sandstone cobble, compact, fine and medium grained, brownish black, dry	6.00	8" BOREHOLE	5-7.5' -006				2.9
8				2RS		100		
10	CL-SILTY CLAY, with fine sand, soft, gray, moist	10.00	2" PVC WELL SCREEN					1.6
12	- SANDSTONE at 12.0ft BGS	12.00	SAND PACK	3RS				--
14	END OF BOREHOLE @ 12.0ft BGS							
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								



WELL DETAILS
Screened interval:
7.00 to 12.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 4.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
4.00 to 12.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

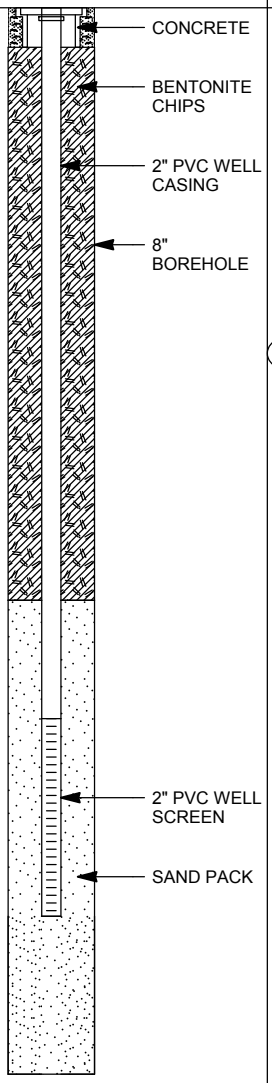
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-26D
DATE COMPLETED: March 10, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CL-SILTY CLAY, compact, low plasticity, dark brown, moist	
2	SM-SILTY SAND, compact, fine grained, poorly graded, black, moist	2.00
4		
	CL-SILTY CLAY, with concrete rebar, soft, fine grained, gray brown, wet	5.00
6		
	SM-SILTY SAND, fine gravel, loose, fine and medium grained, blackish brown, wet	6.50
8		
10	ML-SILTY SAND, concrete cobble, loose, very fine grained, dark brown, wet, gray soupy water	10.00
12		
14		
16		
18		
20		
22	WEATHERED SANDSTONE, trace cobble, hard, very fine sand, gray, moist to dry	21.50
24	- decrease in fines, dry at 24.0ft BGS	
	WEATHERED SHALE, hard, reddish brown, dry	25.00
26		
	END OF BOREHOLE @ 27.0ft BGS	27.00
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
18.00 to 23.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 15.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
15.00 to 27.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				1.4
				1.8
1RS		95		2.1
7.5-10' -007				7.0
2RS		10		--
				1.8
3RS				1.4

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-26D (Abandoned)
DATE COMPLETED:
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CL-SILTY CLAY, firm, low plasticity, light brown, orange and gray mottling, dry							--
2								
4								4.1
6	- silty sand, dark brown from 5.5 to 6.5ft BGS		ABANDONED AND BACKFILLED WITH BENTONITE CHIPS	1RS		95		--
8								
	SM-SILTY SAND, fine grained, brown, moist	8.50						3.0
	SM-SILTY SAND, weathered sandstone, coarse gravel, fine grained, gray, moist	9.00						
10	SANDSTONE, coarse gravel, cobble, fines, gray, moist to wet	10.00						
12				2RS		100		2.9
14								
16								
18				3RS				--
20								
22				4RS				1.7
24								
	WEATHERED SHALE, hard, reddish brown, dry	25.00						
26								
28				(5RS 25-30' -008)				--
30								
32				6RS				1.8
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5RS)

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-26D (Abandoned)
DATE COMPLETED:
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
36	END OF BOREHOLE @ 35.0ft BGS	35.00						
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

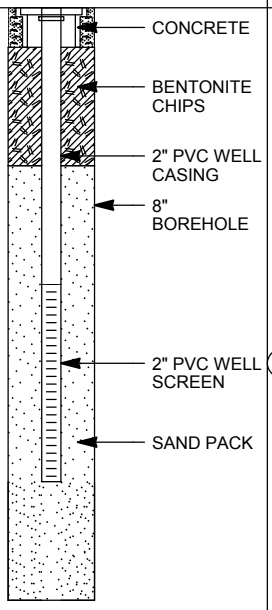
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-26S
DATE COMPLETED: March 10, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CONCRETE SLAB	
2.50	CL-SILTY CLAY (FILL), coarse gravel, wood (RR tie), compact, brown and black, moist	2.50
5.00	CL-SILTY CLAY (FILL), trace coarse gravel, compact, brownish gray, dry to moist	5.00
8.00	SM-SILTY SAND, fine and medium grained, grayish black, moist to wet - silty sand and gravel, soft, fines, moist at 9.0ft BGS	8.00
12.00	SANDSTONE, weathered, cobble, medium and fine sand	12.00
15.00	END OF BOREHOLE @ 15.0ft BGS	15.00

MONITORING WELL



WELL DETAILS
Screened interval:
7.00 to 12.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 4.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
4.00 to 12.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1RS		100		-
				-
2RS		100		-
8-10' -009				1.8
3RS		100		1.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

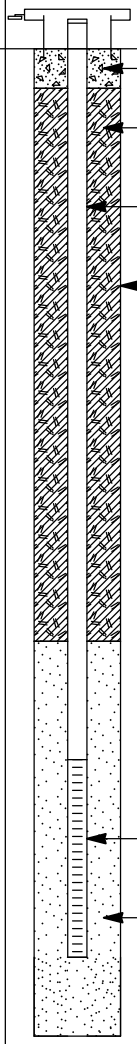
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-27D
DATE COMPLETED: March 11, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CL-SILTY CLAY, firm, medium plasticity, dark brown, moist	1.00
2	CL-SILTY CLAY, trace coarse gravel and fine sand, trace cobble sandstone/shale, firm, light brown with orange and gray mottling, moist	
8	- shale lens from 8.7 to 8.9ft BGS	8.50
10	SM-SILTY SAND, sandstone cobble, compact, gray, moist	10.00
	WEATHERED SANDSTONE, fines, with reddish brown compacted sand, moist	
12	SANDSTONE, competent, gray, dry to moist	12.00
18	- berea sandstone, dry at 18.0ft BGS	
20	WEATHERED SANDSTONE, very fine sand, gray, wet	20.00
22	SANDSTONE, competent, gray, dry to moist	22.00
	END OF BOREHOLE @ 25.0ft BGS	25.00

MONITORING WELL



WELL DETAILS
Screened interval:
18.00 to 23.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 15.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
15.00 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				--
				2.8
1RS		100		2.8
7.5-10' -010				3.3
2RS		100		--
3RS		100		--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

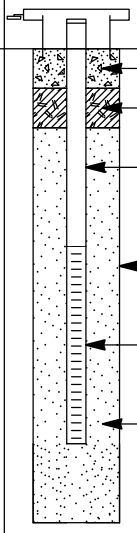
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-27S
DATE COMPLETED: March 11, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CL-SILTY CLAY, with fine sand, compact, brown, dry to moist	1.00
2	SM-SILTY SAND, trace coarse gravel and sandstone cobble, fine and medium grained, moist	
4	- wet from 4.0 to 5.0ft BGS	
6		
8	- black sand at 8.0ft BGS	
	WEATHERED SANDSTONE, cobble, hard, gray, moist	9.00
10		
12	END OF BOREHOLE @ 12.0ft BGS	12.00
14		
16		
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
5.00 to 10.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 2.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
2.00 to 12.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				1.4
				1.8
1RS		90		
5-7.5' -011				2.0
				--
2RS		100		--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

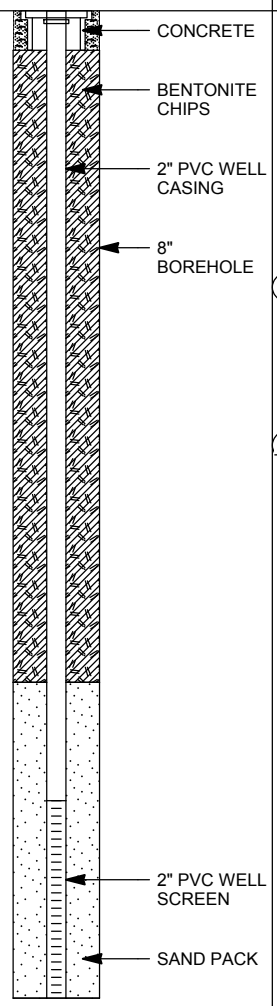
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-28D
DATE COMPLETED: March 11, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CL-SILTY CLAY (FILL), and fine sand, with coarse red, green blue gravel throughout, loose, light brown gray, dry, ammonia odor	
10	FILL, concrete, sand and gravel, black, wet, ammonia/solvent odor	10.00
		11.00
12	WEATHERED SANDSTONE, sandstone cobble, very fine sand, gray, moist to dry	
	SANDSTONE, fine sand, hard, gray, very moist	13.00
14		
16		
18		
		19.00
20	SP/GP-SAND AND GRAVEL (sluff), fines, fine and medium sand, trace red/orange coarse sand, brownish gray, wet, possible 10-12' source	20.00
22	SANDSTONE, very fine sand, trace cobble, soft, gray, wet	
24		
	END OF BOREHOLE @ 25.0ft BGS	25.00
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
20.00 to 25.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 17.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
17.00 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
1RS		100		15.9
6-8' -012				24.3
				21.6
10-12' -013/ 014				84.5
				4.1
2RS		100		--
3RS		100		--

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: ELYRIA RFI
PROJECT NUMBER: 012616-T02
CLIENT: RACER LLC
LOCATION: LORAIN COUNTY, OHIO

HOLE DESIGNATION: MW-28S
DATE COMPLETED: March 11, 2014
DRILLING METHOD: SONIC
FIELD PERSONNEL: D. NEWTON

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	SM/GP-SILTY SAND AND GRAVEL (FILL), fines, red-orange clay tile, trace fine brick, coarse gravel, grayish brown, dry		CONCRETE; BENTONITE CHIPS; 2" PVC WELL CASING; 8" BOREHOLE	1RS		100		--
10	- fill material, roots, medium sand, increase in cobble content, wet at 10.0ft BGS		2" PVC WELL SCREEN; SAND PACK	2RS		100		--
12	- SANDSTONE at 12.0ft BGS	12.00						
	END OF BOREHOLE @ 12.0ft BGS							

WELL DETAILS
Screened interval:
7.00 to 12.00ft BGS
Length: 5ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
1.00 to 4.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
4.00 to 7.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 012616-WI.GPJ CRA_CORP.GDT 4/15/14

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-01
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	PID
0	CL - CLAY, silty, firm, medium plasticity, brown, gray and orange mottling, dry to moist							0
	increase in firmness							0
2	No recovery	2.00	2 " Ø Borehole	1GP		30		
4								
	CH - CLAY, soft, high plasticity, grayish blue, wet	5.00						
6			Soil Cuttings	5-7.5'				0
	CL - CLAY, silty, light brown, dry to moist	6.50						
8	- increase in firmness, trace orange mottling at 7.5ft BGS			2GP		100		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-02
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
0	CL- CLAY, silty, firm, medium plasticity, light brown, trace gray streaking, dry							0
2				1-2.5'				0
				1GP		100		
	- becoming darker brown clay, increase in firmness from 3.0 to 7.5ft BGS		2 " Ø Borehole					
4								0
6			Soil Cuttings					0
	- trace shale pebbles, stiff at 7.5ft BGS			2GP		100		
8								0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-03
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, medium plasticity, dark brown, dry			1GP		70		0
4	- firm to stiff, increase in gray and orange streaking from 3.0 to 5.0ft BGS		2 " Ø Borehole					0
6	- becoming gray clay, stiff, low plasticity, orange mottling, dry at 5.0ft BGS		Soil Cuttings	2GP		100		0
8	END OF BOREHOLE @ 7.5ft BGS	7.50						
10								
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-04
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, soft, dark brown clay with black silt, moist							0
	- firm, low plasticity, light brown clay with orange and gray streaking, dry from 1.0 to 4.5ft BGS							0
			2 " Ø Borehole	1GP		100		
4								0
	- increase in gray clay from 4.5 to 5.0ft BGS							
	No recovery	5.00						
6			Soil Cuttings					
8				2GP		0		
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-05
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
0	CL - CLAY, silty, firm, low plasticity, light brown, moist to dry							0
2				1GP		100		0
4	- increase in firmness, gray and orange streaking from 3.5 to 5.0ft BGS		2 " Ø Borehole					0
6			Soil Cuttings					0
8				2GP		100		
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-06
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
0	CL - CLAY, silty, soft, medium plasticity, dark brown, moist							0
2				1GP		100		0
4	- with loose light brown sand, gray and orange streaking, dry from 4.5 to 5.0ft BGS - stiff, darker, trace gray streaking, dry at 5.0ft BGS		2 " Ø Borehole					0
6			Soil Cuttings					0
8				2GP		100		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-07
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	PID
0	CL - CLAY, silty, firm, low plasticity, brown, orange streaking, dry							0
2				1GP				0
4	- with grayish blue silty clay, orange streaking, moist from 4.0 to 5.5ft BGS		2 " Ø Borehole	2.5-5'				0
6	- stiff, lighter brown clay, gray and orange streaking, dry at 5.5ft BGS		Soil Cuttings	5-7.5'				0
8				2GP				0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-08
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
0	CL - CLAY, silty, soft, medium plasticity, light brown, moist to wet							0
2								0
				1GP		100		
			2 " Ø Borehole					
	- increase in fine grained sand, soft, becoming grayish blue, wet at 3.5ft BGS			2.5-5'				0
4								
6			Soil Cuttings					0
				2GP				
8								
				7.5-10'				0
	SM - SAND, silty, with coarse grained sandstone gravel, poorly graded, light brown	9.50						
10		10.00						
	END OF BOREHOLE @ 10.0ft BGS							
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-09
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, low plasticity, brown, dry		2 " Ø Borehole	1GP		100		
4	SM - SAND, silty, fine grained, grayish blue, dry	3.50		3.5-5'				0
6			Soil Cuttings	5-7.5'				0
8				2GP		100		
10	CL - CLAY, silty, firm, low plasticity, light brown, dry	9.00						
	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-10
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, light brown			1GP		90		
	SM - SAND, silty, soft, grayish blue, moist to wet	3.00	2 " Ø Borehole					0
4	- compact, light brown, moist from 4.0 to 5.0ft BGS							
	- trace fine grained gravel, soft, grayish blue, moist from 5.0 to 8.5ft BGS		Soil Cuttings					
6				6-8'				0
8				2GP		80		
	- compact, friable, light brown, dry to moist at 8.5ft BGS							
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (6-8')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-100
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, dark brown, dry						
	SAND, loose, fine grained, poorly graded, turquoise-blue, moist	1.00		0-2.5'			
2				1GP		65	
4			Soil Cuttings				
	CL - CLAY, stiff, brown with orange and gray mottling, dry	5.00					
6			2 " Ø Borehole				
8				2GP		95	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-101
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, dark brown, dry			0-2.5'			
	SP - SAND, loose, fine grained, poorly graded, turquoise-blue, moist	1.50		1GP		75	
	CL - CLAY, stiff, slight brown with orange and gray mottling, dry	3.50	Soil Cuttings; 2 " Ø Borehole	2GP		100	
	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-102
DATE COMPLETED: July 22, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CLAY, silty, with gravel, firm, friable, fine to coarse grained gravel, brown, moist		Soil Cuttings	1GP		95	
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-103
DATE COMPLETED: July 22, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, dark brown, moist to dry		Soil Cuttings	1GP		90	
4	- sandstone cobble, broken, gray from 4.0 to 4.3ft BGS		2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (1GP)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-104
DATE COMPLETED: July 22, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, dark brown, moist						
2		2.50	Soil Cuttings	1GP		95	
	SM - SAND, silty, compact, stiff, light brown, dry	3.50		(2.5-5')			
4	CL - CLAY, silty, firm, dark brown, moist		2 " Ø Borehole				
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-105
DATE COMPLETED: July 22, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, dark brown with gray mottling, moist to dry		Soil Cuttings	1GP		90	
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-106
DATE COMPLETED: July 22, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, dark brown with gray mottling, moist to dry		Soil Cuttings	1GP		80	
4			2 " Ø Borehole	2GP (2.5-5')		95	
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-107
DATE COMPLETED: July 22, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, dark brown with gray mottling, moist to dry		Soil Cuttings	1GP		85	
4			2 " Ø Borehole	2GP (2.5-5')		95	
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-108
DATE COMPLETED: July 23, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, light brown with orange and gray mottling, dry to moist		Soil Cuttings	1GP		90	
2							
4			2 " Ø Borehole	2.5-5'			
5	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-109
DATE COMPLETED: July 23, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, gray-brown with orange-red mottling, dry to moist		Soil Cuttings	1GP		100	
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-11
DATE COMPLETED: July 9, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, dark brown - firm, low plasticity, light brown, gray and orange mottling, moist to dry at 1.5ft BGS		2 " Ø Borehole	1GP		90		0
4								0
6			Soil Cuttings					0
8				2GP		80		0
10	SM - SAND, silty, with weathered sandstone, friable, well graded, light brown, dry	9.00						
	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-110
DATE COMPLETED: July 23, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, light brown with gray and orange mottling, dry to moist		Soil Cuttings	1GP		95	
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-111
DATE COMPLETED: July 23, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, light brown with gray and orange, dry		Soil Cuttings	1GP			
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (1)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-112
DATE COMPLETED: July 23, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, brown with gray and orange mottling, moist		Soil Cuttings	1GP		100	
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-113
DATE COMPLETED: July 23, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, stiff, friable, brown with gray and orange mottling, dry		Soil Cuttings	1GP		90	
4			2 " Ø Borehole	2.5-5'			
	END OF BOREHOLE @ 5.0ft BGS	5.00					
6							
8							
10							
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-12
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, trace fine grained sand, soft, brown moist		2 " Ø Borehole	1GP		75		0
	SM - SAND, silty, loose, black, grayish-blue tint, moist	3.00						
4	CL - CLAY, silty, firm, friable, with gray to orange mottling, dry	3.80						0
6	SP - SAND, trace silt, fine to coarse grained gravel, compact, light brown, wet	5.50	Soil Cuttings					0
	CL - CLAY, silty, stiff, no plasticity, brown, orange and gray mottling, dry	6.50						
8				2GP		90		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-13
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, light brown, with gray mottling, moist			1GP		80		0
			2 " Ø Borehole					
4	SM - SAND, silty, soft, grayish blue, moist	3.20		2.5-5'				0
6			Soil Cuttings					0
8	- black, wet at 7.5ft BGS			2GP				0
	CL - CLAY, silty, stiff, no plasticity, light brown, gray mottling	9.00						
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-14
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, low plasticity, brown, dry to moist			0-2.5'				0
		2.50	2 " Ø Borehole	1GP		80		
4	SM - SAND, silty, soft, compact, medium grained, grayish blue, moist							0
		4.50						
6	CL - CLAY, firm, low plasticity, light brown, moist		Soil Cuttings					0
8				2GP		80		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-15
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, soft, brown, orange mottling		2 " Ø Borehole	1GP		85		0
4	- firm, light brown, orange and gray mottling, dry to moist at 2.5ft BGS							0
6			Soil Cuttings					0
8	- silty clay with fine silt, compact, gray, moist to wet at 6.5ft BGS			2GP		100		0
		9.00						
10	SM - SAND, silty, compact, fine grained, light brown/orange, dry							
	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-16
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL- CLAY, silty, firm, low plasticity, brown, orange and gray mottling, dry to moist		2 " Ø Borehole	1GP		80		0
4	- firm, lighter brown, dry at 3.0ft BGS							0
6			Soil Cuttings					0
8	- stiff at 7.0ft BGS			2GP		90		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-17
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, medium plasticity, light brown, moist		2 " Ø Borehole	1GP		80		0
4	SM - SAND, silty, soft, medium grained, grayish blue, wet	3.80						0
6			Soil Cuttings	5-7.5'				0
8	CL - CLAY, silty, stiff, medium plasticity, light brown, moist to dry	6.50		2GP		90		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5-7.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-18
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, low plasticity, brown, with orange and gray mottling							0
	CL - CLAY, silty, firm, low plasticity, brown, with orange and gray mottling, with blue gray silty sand, compact, medium plasticity, moist	2.00	2 " Ø Borehole	1GP		70		
4				2.5-5'				0
6	CL - CLAY, silty, stiff, no plasticity, orange and gray mottling, dry	5.50	Soil Cuttings					0
8				2GP		90		
								0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-19
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, soft, brown, moist						
2		2.50	2 " Ø Borehole	1GP		80	
4	SM/CL - SAND, silty, medium grained, bluish-gray, and CL - CLAY, silty, soft, light brown, wet						
6		6.00	Soil Cuttings	5-6'			
8	CL - CLAY, silty, firm, low plasticity, brown, gray and orange mottling, dry			2GP		90	
10	SM - SAND, silty, compact, friable, light brownish orange, moist to wet	9.00					
12	END OF BOREHOLE @ 10.0ft BGS	10.00					
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5-6')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-20
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, brown, trace orange and gray mottling, dry		2 " Ø Borehole	1GP		90	
2							
4							
6	- stiff, lighter brown at 6.5ft BGS		Soil Cuttings	2GP		100	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-21
DATE COMPLETED: July 10, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, dark brown, dry			1GP		90	
2			2 " Ø Borehole				
4							
6			Soil Cuttings				
8	- stiff, no plasticity, grayish brown at 7.5ft BGS			2GP		85	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-22
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
	FILL, concrete, gravel, wet							
	SW - SAND, gravelly, loose, well graded sand, fine to coarse grained gravel, black (sand), moist	0.70						
2				1GP		70		0
			2 " Ø Borehole					
4								0
	No recovery	4.50						
	SW/GW - SAND and GRAVEL, loose, well graded, grayish brown (sand), wet	5.00						
6			Soil Cuttings	5-7.5'				0
	CL - CLAY, silty, compact, low plasticity, orange-gray mottling, moist to dry	6.20						
8				2GP		80		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5-7.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-23
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
0	TOPSOIL, silty clay, loose, friable							
	FILL, crushed gravel and limestone, with gray blue sand, compact, medium grained, dry	0.60						
2			2 " Ø Borehole	1GP		70		0
4				2.5-5'				0
	CL - CLAY, silty, firm, no plasticity, dark brown/black, dry	4.50						
6	- stiff, light brown, moist to dry at 6.0ft BGS		Soil Cuttings					0
8				2GP		85		0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-24
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
	FILL, crushed concrete powder							
	FILL, crushed limestone and gravel, loose, gray, wet	0.70						
2	CL - CLAY, silty, firm, no plasticity, dark brown/black, dry	2.00						0
	No recovery	3.00	2 " Ø Borehole	1GP		80		
4								0
	FILL, crushed gravel (sluff)	5.00						
	CL - CLAY, silty, with sand, compact, brown, dry	5.50	Soil Cuttings					
6								0
	- increase in stiff clay at 7.0ft BGS							
8				2GP		100		
								0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-25
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, firm, low plasticity, moist to dry		2 " Ø Borehole	1GP		80		0
4	- trace red and gray tinted granules, friable, becoming darker brown, trace rusty discoloration, increase in moisture from 4.0 to 7.0ft BGS			2.5-5'				0
6			Soil Cuttings	5-7.5'				0
8	- olive brownish-gray, moist at 7.0ft BGS			2GP		90		0
10	- lighter brown, gray and orange mottling at 9.5ft BGS							
	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-26
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, trace medium granules, soft, friable, dark brown with gray, orange, red, and greenish-blue streaking, moist		2 " Ø Borehole	0-2.5' 1GP		80	
4				2.5-5'			
6	- no granules, firm, low plasticity, olive brownish gray, trace orange and red streaking at 5.5ft BGS		Soil Cuttings				
8	- stiff, light brownish orange, with gray streaking at 7.5ft BGS			2GP		95	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-27
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
2	CL - CLAY, silty, trace gravel, loose, friable, fine grained, dark brown/black, moist	0.50	2 " Ø Borehole	1GP		80		0.9
	CL - CLAY, firm, brown, trace turquoise blue and red streaking, moist, paint solvent odor, trace cardboard material							
4	CL - CLAY, silty, firm, dark gray, dry to moist, trace cardboard material	3.70						129
	SM - SAND, silty, loose, gray, wet	5.00						
6	CL - CLAY, silty, firm, dark gray, dry to moist, trace cardboard material	5.50	Soil Cuttings					0.1
	CL - CLAY, silty, firm, olive brown and gray, moist	6.50		2GP		95		
8	- stiff, brown, dry at 9.0ft BGS							0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-28
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID
	FILL, crushed concrete powder							
	CL - CLAY, silty, firm, friable, black, moist to dry	0.70						
2								0
				1GP		60		
			2 " Ø Borehole					
4				2.5-5'				0
6	- soft, grayish brown at 6.0ft BGS		Soil Cuttings					0
	SM - SAND, silty, loose, poorly graded, brown, wet	6.80						
		7.50		2GP		80		
8	CL - CLAY, silty, firm, no plasticity, brown, dry to moist							0
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12								
14								
16								
18								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-29
DATE COMPLETED: July 11, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, gravel, crushed concrete powder						
	CL - CLAY, silty, compact, low plasticity, grayish brown, moist to dry	0.80					
2				1GP		60	
4			2 " Ø Borehole				
	SM - SAND, silty, compact, fine grained, poorly graded, friable, grayish brown, dry	5.50					
6			Soil Cuttings				
	CL - CLAY, silty, firm, medium plasticity, gray, moist	7.50		2GP		90	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-30
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, crushed gravel, broken concrete						
	CL - CLAY, silty, firm, friable, grayish brown, moist	1.00		0-2.5'			
2				1GP		80	
			2 " Ø Borehole				
4	- black at 4.0ft BGS						
	SM - SAND, silty, trace silt, compact, friable, brownish orange, dry to moist	5.20					
6			Soil Cuttings				
	CL - CLAY, silty, firm, medium plasticity, grayish brown, moist	6.50					
				2GP		100	
8	- low plasticity, dry to moist at 8.5ft BGS						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-31
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, sand and gravel, trace cobbles, loose, blue tint, dry						
	SM - SAND, silty, compact, friable, poorly graded, dark brown/black, moist	1.00					
2			2 " Ø Borehole	1GP		80	
4				2.5-5'			
	- compact, lighter brown, wet at 5.0ft BGS						
6			Soil Cuttings				
	- dry to moist at 7.0ft BGS			2GP		100	
8	CL - CLAY, silty, firm, low plasticity, dry to moist	8.00					
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-32
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, sand and gravel, loose, medium grained sand, fine to coarse grained gravel, gray/brown, moist						
		1.00					
2	CL - CLAY, silty, with sand, compact, friable, fine grained sand, greenish brown, trace red, blue, and green discoloration, dry		2 " Ø Borehole	1GP		85	
4	- trace wood piece from 4.0 to 4.3ft BGS - darker brown/black at 4.5ft BGS			2.5-5'			
		5.00					
6	SM - SAND, silty, compact, well graded, dark brown, trace red and green clay, moist		Soil Cuttings				
8	- friable, grayish brown, moist to dry at 6.5ft BGS			2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-33
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, sand and gravel, loose, dry						
	CL - CLAY, silty, with sand, compact, friable, fine grained, grayish brown, trace rust and blue discoloration	1.00	2 " Ø Borehole	1GP		85	
	SM - SAND, silty, compact, medium plasticity, grayish brown, moist	5.50	Soil Cuttings	5-7.5'			
	- increase in lighter brown silty sand at 8.0ft BGS			2GP		100	
	- sandstone cobble at 9.7ft BGS						
	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-34
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, crushed concrete powder	0.50	2 " Ø Borehole	1GP		80	
2	CL - CLAY, silty, trace broken sandstone pieces, firm, friable, grayish brown, trace green and rust discoloration			2.5-5'			
4	- increase in silty sand, compact, dark brown, moist at 4.0ft BGS						
	- firm, grayish brown, olive green streaking, moist to dry at 5.0ft BGS						
6	- light brown at 5.8ft BGS		Soil Cuttings				
8				2GP		100	
	SM - SAND, silty, compact, friable, light brownish-orange, dry to moist	9.00					
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-35
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, crushed concrete and gravel powder						
	CL - CLAY, silty, firm, low plasticity, grayish-brown, dry	1.00					
2				1GP		85	
	- trace grayish-blue slag cobbles from 3.0 to 4.0ft BGS		2 " Ø Borehole				
4	- increase in silty sand, compact, poorly graded, grayish-brown, dry from 4.0 to 6.0ft BGS						
6	- increase in silty sand, fine grained, poorly graded, brown, wet from 6.0 to 8.0ft BGS		Soil Cuttings				
8	- increase in density, moist to dry at 8.0ft BGS			2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-36
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	FILL, broken concrete, powder	0.50					
	CL - CLAY, silty, firm, friable, medium plasticity, greenish brown, moist						
2	- sandstone cobble, crushed from 2.0 to 2.4ft BGS	2.40					
	CL - CLAY, firm, low plasticity, grayish brown, moist		2 " Ø Borehole	1GP		90	
4				2.5-5'			
6			Soil Cuttings				
	- stiff, dry at 7.0ft BGS			2GP		100	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-37
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, dry		2 " Ø Borehole	1GP		100	
4	- trace iron staining from 2.0 to 3.5ft BGS						
6	- dark brown/black at 4.0ft BGS - dark brownish-gray at 5.0ft BGS		Soil Cuttings				
8	CL - CLAY, silty, with silty sand, fine grained, poorly graded, brown, dry to moist	7.00		2GP 7.5-10'			
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (7.5-10')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-38
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CONCRETE		Concrete				
	CL - CLAY, silty, firm, friable, low plasticity, grayish brown, dry	1.00					
2				1GP		90	
	- darker brown, with rust streaking, moist to wet at 3.0ft BGS		2 " Ø Borehole				
4				2.5-5'			
	SM - SAND, silty, compact, fine grained, poorly graded, black, dry	4.00					
	CL - CLAY, silty, firm, low plasticity, grayish-brown, moist	4.50					
6			Soil Cuttings	5-7.5'			
	- light brownish-orange at 7.0ft BGS						
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-39
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CONCRETE		Concrete				
	CL - CLAY, silty, firm, friable, grayish-brown, trace blue streaking, moist to dry	1.00		1GP		90	
2							
				2.5-5'			
4			2 " Ø Borehole				
6	- grayish-brown with olive tint at 6.0ft BGS						
			Soil Cuttings				
	- increase in silty sand, light orangish-brown, fine grained at 7.5ft BGS			2GP		100	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-40
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry to moist			1GP		90	
2			2 " Ø Borehole				
4	- low plasticity, grayish brown, dry at 4.0ft BGS						
	SM - SAND, silty, loose, fine grained, brown, wet	5.00					
		5.50					
6	CL - CLAY, silty, firm, low plasticity, brownish-orange, dry		Soil Cuttings				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-41
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, trace sand, firm, friable, fine grained, brown, moist						
2				1GP		90	
	- darker brown, gray and orange mottling at 3.0ft BGS		2 " Ø Borehole				
4				2.5-5'			
6	- stiff, lighter brown, no mottling, dry at 6.0ft BGS		Soil Cuttings				
8				2GP			
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-42
DATE COMPLETED: July 12, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, with silty sand, firm, friable, fine grained, dark brown, dry		2 " Ø Borehole	0-2.5' 1GP		90	
4	- stiff, low plasticity, light brown, orange and gray mottling at 4.0ft BGS						
	SM - SAND, silty, loose, fine grained, light brown, wet	5.00					
6	CL - CLAY, silty, with silty sand, stiff, friable, low plasticity, fine grained, dark brown, dry	5.80	Soil Cuttings				
8				2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-43
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	FILL, crushed concrete						
	CL - CLAY, silty, trace sand, soft, medium plasticity, medium grained, dark brown with red, gray, and blue streaking, moist	1.00		0-2.5' (CHEMICAL ANALYSIS)			
2				1GP		80	
			2 " Ø Borehole				
4	- firm, grayish-brown at 4.0ft BGS						
6			Soil Cuttings				
	CL - CLAY, silty, stiff, low plasticity, friable, brown, dry	6.50					
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-44
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	SM - SAND, silty, with silty clay, loose, fine grained, brown, moist, trace roots						
	CL - CLAY, silty, soft, friable, low plasticity, dark brown, rust discoloration, moist	1.50					
2				1GP		75	
			2 " Ø Borehole				
4				2.5-5'			
	- firm, medium plasticity, grayish-green/blue, moist to wet at 4.5ft BGS						
6	- stiff, light brown, gray streaking, moist at 6.0ft BGS		Soil Cuttings				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-45
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CH - CLAY, silty, with sand, soft, high plasticity (clay), compact, well graded (sand), dark brown (clay), gray, white, and rust (sand), moist		2 " Ø Borehole	1GP		60	
4	CH - CLAY, silty, with sand, high plasticity, loose (sand), fine grained, poorly graded, gray, wet	4.00		2.5-5'			
6			Soil Cuttings	5-7.5'			
8				2GP		50	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-46
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, dark brown, rust tinted streaking			1GP			
4	- crushed gravel, loose, fine to coarse grained, grayish-blue tint from 3.0 to 4.0ft BGS - increase in rust colored sand, trace glass pieces, wet from 4.5 to 6.0ft BGS		2 " Ø Borehole	2.5-5'			
6	CH - CLAY, silty, soft, high plasticity, grayish-brown, moist	6.00	Soil Cuttings	2GP			
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-47
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL- CLAY, silty, with sand, firm, compact (sand), low plasticity, fine grained, poorly graded, brown (clay), gray (sand), dry, cardboard pieces			1GP		70	
	- crushed orange brick and clay tile from 3.0 to 3.8ft BGS		2 " Ø Borehole				
4	SM - SAND, silty, trace gravel, compact, fine grained, black, trace red and blue streaking, moist	4.00					
6	SM - SAND, silty, wet	6.00	Soil Cuttings				
	No recovery	7.00		2GP		25	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-48
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY						
	SP - SAND, rust, blue, and gray	1.50	2 " Ø Borehole	1GP			
2							
	- black, wet, cardboard pieces at 3.5ft BGS			2.5-5'			
4							
6	SW/GW - SAND and GRAVEL, black, wet	6.00	Soil Cuttings				
	CL - CLAY, black, wet	7.00		2GP			
8							
	- gray, moist at 8.5ft BGS						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-49
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, with sand, compact, brown to dark brown (clay) with rust, black, and tan tint (sand), moist, trace wood pieces		2 " Ø Borehole	0-2.5' 1GP		70	
5	CL - CLAY, silty, firm, medium plasticity, grayish-brown, olive green tint, moist	5.00	Soil Cuttings	2GP		80	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-50
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	SM - SAND, silty, loose, brown with black, tan, and red streaking, moist						
	CL - CLAY, silty, firm, medium plasticity, grayish brown, orange mottling, rust, blue, and black streaking, moist	1.50	2 " Ø Borehole	1GP 2.5-5'		60	
	SW/GW - SAND and GRAVEL, loose, fine grained, dark brown/black, wet	4.50					
	CL - CLAY, silty, firm, low plasticity, brownish-gray, orange mottling, moist	6.00	Soil Cuttings	2GP		90	
	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-51
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty						
	FILL, broken concrete	1.00					
2	SM - SAND, silty, trace gravel, compact, fine grained gravel, well graded (sand), black, trace purple staining, moist	1.60	2 " Ø Borehole	0-2.5' 1GP			
4							
	CL - CLAY, silty, firm, low plasticity, grayish brown with olive green tint, moist	5.00	Soil Cuttings				
6							
	- light brown at 7.0ft BGS			2GP			
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-52
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	SM - SAND, silty, compact, brown						
	CL - CLAY, silty, firm, friable, low plasticity, light brown, gray streaking, dry	1.00		0-2.5' 1GP		90	
2			2 " Ø Borehole				
4	- increase in orange mottling at 4.0ft BGS						
6	- increase in lighter brown clay at 6.0ft BGS		Soil Cuttings	2GP			
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-53
DATE COMPLETED: July 15, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL- CLAY, silty, firm, friable, brown, orange streaking, dry		2 " Ø Borehole	1GP		75	
4	- medium plasticity, homogeneous, light brown, dry to moist at 2.5ft BGS						
6			Soil Cuttings				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-54
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown, dry						
	- slag rock, blue/gray from 1.2 to 1.8ft BGS						
2			2 " Ø Borehole	1GP		75	
4	CL - CLAY, firm, friable, light brown, dry	4.00					
	- increase in orange mottling at 5.5ft BGS		Soil Cuttings				
6							
8				2GP		70	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-55
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, brown, dry						
	- slag rock, blue/gray from 1.5 to 2.0ft BGS						
2				1GP		70	
			2 " Ø Borehole				
	- slag rock, blue/gray from 3.5 to 4.0ft BGS			2.5-5'			
4							
	- dark brown, moist at 4.5ft BGS						
6			Soil Cuttings				
	- light brown, gray and orange mottling at 6.5ft BGS						
				2GP		100	
8	- stiff at 8.0ft BGS						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-56
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, dark brown, moist						
	- 2ft layer trace slag rock, blue-gray from 1.0 to 3.0ft BGS			1GP		90	
2							
4	SM - SAND, silty, compact, fine grained, well graded, dark brown, trace gray and red, moist	4.00		2.5-5'			
	- 0.5ft layer trace slag rock, blue-gray at 5.5ft BGS		Soil Cuttings				
6	CL - CLAY, silty, firm, medium plasticity, light brown with gray and orange mottling, moist	6.00	2 " Ø Borehole	2GP		80	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-57
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, dry - 0.6ft layer with crushed rock and concrete at 0.6ft BGS			1GP		80	
4	SM - SAND, silty, loose, fine grained, well graded, dark brown with light rust tinted granules, moist	4.00	Soil Cuttings	2.5-5'			
6	CL - CLAY, silty, firm, low plasticity, light brown-gray with orange streaking, moist to dry	5.50	2 " Ø Borehole	2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-58
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, dark brown, dry			0-2.5'			
2				1GP		80	
4	SM - SAND, silty, compact, fine grained, well graded, moist	4.00		2.5-5'			
			Soil Cuttings				
6	CL - CLAY, silty, soft, low plasticity, gray, moist - becoming stiff, gray-brown, dry at 6.5ft BGS	5.50		5-7.5'			
			2 " Ø Borehole				
8				2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-59
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, soft, friable, brown, moist						
	SM - SAND, silty, trace glass pieces, loose, fine grained, brown-black with purple granules, trace red-orange compacted sand	1.50		0-2.5' (1GP)		90	
	CL - CLAY, silty, compact, friable, fine grained, brown, black, moist	4.50	Soil Cuttings	2.5-5'			
	- firm, brown, trace orange mottling, dry at 7.5ft BGS		2 " Ø Borehole	5-7.5' (2GP)			
	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-61
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown						
2	- trace slag rock, blue-gray at 3.0ft BGS			1GP		75	
	SM - SAND, silty, with gravel, fine and coarse grained gravel	3.50		2.5-5'			
4	CL - CLAY, silty, soft, dark brown, moist	4.50	Soil Cuttings				
6	- 0.5-ft trace clay, firm, rust-tinted, dry at 6.5ft BGS - becoming firm, brown, includes trace sand (fine grained, poorly graded) at 7.0ft BGS		2 " Ø Borehole	2GP		95	
8	SANDSTONE, broken, grey	8.00					
	CL - CLAY, silty, firm, moist, includes trace sand (fine grained, poorly graded)	8.50					
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-62
DATE COMPLETED: July 16, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, friable, firm, low plasticity, dry to moist			1GP		85	
2							
4			Soil Cuttings				
6	- firm, becoming light brown, dry at 5.6ft BGS		2 " Ø Borehole				
8	SM - SAND, silty, loose, fine grained, poorly graded, wet	7.50		2GP		90	
	SANDSTONE pieces, broken, grey	8.50					
	CL - CLAY, silty, stiff, no plasticity, reddish-brown, dry	9.00					
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-63
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry			1GP		75	
3	SAND and GRAVEL, silty, with slag rock (gray-blue), trace glass, trace metal pieces, loose, moist	3.00					
4	CL - CLAY, silty, firm, friable, dark brown, dry	4.50	Soil Cuttings				
6	- becoming light brown at 6.5ft BGS		2 " Ø Borehole				
8	- with sand, fine grained, compact, well graded, brown/black, dry at 8.0ft BGS - silty sand, wet at 9.0ft BGS			2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-64
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry						
2	SLAG GRAVEL, compact, well graded, blue-gray, moist	2.00		1GP		60	
4							
	SM - SAND, silty, loose, fine grained, well graded, light brown, wet	5.00	Soil Cuttings				
6	SLAG GRAVEL, compact, well graded, blue-gray, moist	6.00		5-7.5'			
			2 " Ø Borehole	2GP		75	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5-7.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-65
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown, dry						
	- 0.4-ft layer slag gravel, coarse grained, gray-blue at 1.0ft BGS			1GP		80	
2							
4			Soil Cuttings				
	- brown/black at 5.5ft BGS						
6				5-7.5'			
	SM - SAND, silty, compact, fine grained, well graded, moist	7.00	2 " Ø Borehole	2GP			
8	CL - CLAY, silty, firm, friable, brown/black, dry	8.00					
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (5-7.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-66
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown, moist to dry						
	- trace slag rock, blue-gray at 1.0ft BGS			1GP		50	
2							
4							
	SM - SAND, silty, trace wood pieces, loose, fine grained, well graded, black, trace red tinted sand, wet	5.00	Soil Cuttings				
6	CL - CLAY, silty, black	6.00	2 " Ø Borehole				
				2GP		95	
8	- light brown at 8.0ft BGS						
	- silty sand, dark brown at 9.5ft BGS						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
				63 MISSING			
12							
	- ANDREW - sample#63 is missing. It probably was collected from this location at 13.0ft BGS						
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-67
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CLAY, silty, trace slag rock, firm, friable, light brown silty clay, gray-blue slag rock, dry			1GP		80	
3.50	SAND, silty, compact, fine grained, well graded, brown/black, dry			2.5-5'			
5.00	CL - CLAY, silty, low plasticity, gray-brown, moist		Soil Cuttings; 2 " Ø Borehole	2GP			
10.00	END OF BOREHOLE @ 10.0ft BGS						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-68
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown, dry						
2	- slag/gravel, coarse grained, blue-gray, dry at 2.0ft BGS			1GP		80	
4	SM - SAND, silty, compact, well graded, black, dry	4.00		2.5-5'			
	- 0.5ft seam sand, wet at 5.0ft BGS		Soil Cuttings				
6	CL - CLAY, silty, firm, low plasticity, gray-brown, moist	6.00	2 " Ø Borehole				
8	SM - SAND, silty, compact, fine grained, poorly graded, brown, moist	8.00		2GP		90	
		9.50					
10	CL - CLAY, silty, firm, low plasticity, brown, dry	10.00					
	END OF BOREHOLE @ 10.0ft BGS						
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-69
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, brown						
	- 0.5ft layer slag rock cobbles, blue-gray at 1.5ft BGS						
2				1GP		75	
4	SM - SAND, silty, loose, fine grained, black, moist	4.00		2.5-5'			
			Soil Cuttings				
6	CL - CLAY, trace silt, compact, fine grained, light brown with gray and orange mottling, dry	6.00					
			2 " Ø Borehole	2GP		90	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-70
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, dark brown, dry			0-2.5'			
2				1GP		90	
4	- 1.6ft layer slag rock, gray-blue at 3.3ft BGS - wet at 4.0ft BGS - dry at 4.5ft BGS						
6	SM - SAND, silty, with gravel, loose, fine grained sand, fine and coarse grained gravel, dark brown	5.00	Soil Cuttings	5-7.5'			
8	CL - CLAY, silty, trace rock, firm, low plasticity, brown-black clay, blue-gray rock	6.40	2 " Ø Borehole	2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-71
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, dark brown, dry						
	- with silty sand, rust-colored from 1.0 to 1.5ft BGS			0-2.5'			
2				1GP		85	
				2.5-5'			
4	- sandstone cobble from 4.2 to 4.5ft BGS						
		5.00	Soil Cuttings				
6	SM - SAND, silty, compact, fine grained, brown-black, moist		2 " Ø Borehole	5-7.5'			
		7.50		2GP		95	
8	CL - CLAY, silty, firm, low plasticity, dark brown/black, dry to moist						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-72
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, dry			1GP		70	
2							
4	- with slag rock, coarse grained, blue-gray at 3.5ft BGS						
	SM - SAND, silty, compact, friable, gray-brown, dry	4.50	Soil Cuttings				
6							
	CL - CLAY, silty, firm, friable, dark brown, dry	6.50	2 " Ø Borehole	2GP		85	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-73
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, brown/black with rust tint, moist to dry			0-2.5'			
2				1GP		80	
4	- gray-brown at 5.0ft BGS		Soil Cuttings				
6			2 " Ø Borehole				
8				2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-74
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, low plasticity, brown, trace rust tint			1GP		85	
5	SW/GW - SAND and GRAVEL, loose, well graded, wet	5.00	Soil Cuttings				
6	CL - CLAY, silty, stiff, low plasticity, dark brown-gray, dry	6.00	2 " Ø Borehole	2GP		95	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-75
DATE COMPLETED: July 17, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, dark brown, dry						
2				1GP		80	
4	- light brown with gray and orange mottling at 4.0ft BGS			2.5-5'			
6			Soil Cuttings				
	SW/GW - SAND and GRAVEL, loose, well-graded, wet	6.50					
		7.00	2 " Ø Borehole				
8	CL - CLAY, silty, stiff, low plasticity, dark brown-black, dry			2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-76
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
2	CL - CLAY, silty, firm, friable, low plasticity, dry - trace slag rock cobbles, blue-gray at 1.0ft BGS - no slag rock cobbles at 2.5ft BGS - trace rust streaking at 3.0ft BGS			0-2.5' 1GP		75	
4							
	SW/GW - SAND and GRAVEL, loose, well graded, brown, wet	5.00	Soil Cuttings				
6	CL - CLAY, stiff, no plasticity, light brown with orange mottling, dry	6.00	2 " Ø Borehole	2GP		100	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-77
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, dark brown, dry			1GP		75	
2							
4	- 0.5ft layer sandstone cobble at 3.5ft BGS			2.5-5'			
6	- no silt, stiff, no plasticity, light brown-gray, dry at 6.0ft BGS		Soil Cuttings				
8			2 " Ø Borehole	2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-78
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, dry						
	- 0.4ft trace sandstone gravel at 1.0ft BGS			1GP		75	
2							
				2.5-5'			
4			Soil Cuttings				
	- stiff, light brown with orange and gray mottling at 5.5ft BGS						
6			2 " Ø Borehole				
				2GP		100	
8							
	- becoming red-brown at 9.0ft BGS						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-79
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, dark brown, dry			0-2.5'			
2				1GP		85	
4	- stiff, light brown with orange and gray mottling at 4.5ft BGS		Soil Cuttings				
6			2 " Ø Borehole				
8				2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-80
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry		Soil Cuttings	1GP		80	
2							
4	- stiff, light brown with orange and gray mottling at 5.0ft BGS		2 " Ø Borehole				
6							
8				2GP		95	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-81
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry			0-2.5'			
2				1GP		80	
	SM - SAND, silty, loose, fine grained, poorly graded, dry	3.50					
4		4.00					
	CL - CLAY, silty, firm, friable, dark brown, dry		Soil Cuttings				
	- stiff, low plasticity, light brown with orange and gray mottling at 5.0ft BGS						
6							
			2 " Ø Borehole	2GP		95	
8							
	- SANDSTONE, gray. Equipment refusal. at 9.0ft BGS	9.00					
10	END OF BOREHOLE @ 9.0ft BGS						
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-82
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry			0-2.5'			
2	- trace rust tinted at 2.0ft BGS			1GP		80	
	SM - SAND, silty, loose, medium grained, light brown, dry	3.00					
4	CL - CLAY, silty, firm, friable, dark brown, dry	4.00					
	SP - SAND and GRAVEL, silty, fine grained, poorly graded, light brown, wet	5.00	Soil Cuttings				
6	CL - CLAY, silty, stiff, low plasticity, brown with orange and gray mottling, dry	6.00	2 " Ø Borehole				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-83
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, low plasticity, dark brown, dry			1GP		95	
2				2.5-5'			
4			Soil Cuttings				
6	- friable, gray-black at 6.0ft BGS		2 " Ø Borehole	2GP		100	
8	- 0.5ft layer sandstone cobbles at 8.5ft BGS - soft, medium plasticity, gray-brown, wet at 9.0ft BGS						
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-84
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown, moist to dry			0-2.5'			
2				1GP		90	
	- 0.5ft slag rock, blue-gray at 3.0ft BGS						
4	- black, moist at 4.0ft BGS						
			Soil Cuttings				
6	- gray with brown mottling, dry at 6.0ft BGS						
			2 " Ø Borehole				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-85
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dry			0-2.5'			
2				1GP		80	
4	- stiff, light brown with orange and gray mottling, dry at 4.0ft BGS		Soil Cuttings				
6			2 " Ø Borehole				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-86
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry			0-2.5'			
2				1GP		50	
4				2.5-5'			
6	- stiff, light brown with orange and gray mottling at 5.0ft BGS		Soil Cuttings				
8			2 " Ø Borehole	2GP		50	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-87
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, brown, dry			0-2.5'			
2	SP - SAND, loose, fine grained, poorly graded, turquoise-blue, moist	2.50		1GP		80	
	CL - CLAY, silty, stiff, light brown-gray with orange mottling, dry	3.00	Soil Cuttings				
4							
6			2 " Ø Borehole	5-7.5'			
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-88
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, low plasticity, dark brown, dry			0-2.5'			
2	SP - SAND, loose, poorly graded, turquoise-blue, moist	2.50		1GP		80	
	CL - CLAY, stiff, light brown with orange and gray mottling, dry	2.90	Soil Cuttings				
4							
6			2 " Ø Borehole				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-89
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, firm, friable, dark brown, dry			0-2.5'			
2							
	SP - SAND, poorly graded, turquoise-blue, moist	2.50		1GP		80	
	CL - CLAY, silty, firm, light brown-gray with orange mottling, dry	3.00					
4							
	SP/GP - SAND and GRAVEL, fine grained, turquoise-blue tint, wet	5.00	Soil Cuttings				
	CL - CLAY, silty, stiff, brown, dry	5.50					
6							
			2 " Ø Borehole				
8				2GP		95	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-90
DATE COMPLETED: July 18, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, stiff, dark brown			0-2.5'			
2				1GP		90	
	SP - SAND, loose, turquoise-blue, moist	2.50					
	CL - CLAY, silty, firm, light brown with gray and orange mottling	2.80		2.5-5'			
4							
	SP/GP - SAND and GRAVEL, loose, turquoise-blue tint, wet	5.00	Soil Cuttings				
	CL - CLAY, silty, firm, light brown with gray and orange mottling	5.50					
6							
			2 " Ø Borehole				
8				2GP		60	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-91
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, no plasticity, dark brown, dry						
	SP - SAND, poorly graded, turquoise-blue, moist	1.00					
	CL - CLAY, firm, light brown with gray and orange mottling, dry	1.40		1GP		75	
	SP - SAND, loose poorly graded, turquoise-blue, moist	5.00	Soil Cuttings				
	CL - CLAY, firm, light brown with gray and orange mottling, dry	5.30	2 " Ø Borehole	2GP		95	
	END OF BOREHOLE @ 10.0ft BGS	10.00					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-92
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, dark brown, dry			0-2.5'			
	SAND, loose, poorly graded, turquoise-blue	1.50					
2	CL - CLAY, firm, light brown with gray and orange mottling, dry	1.90		1GP		80	
4			Soil Cuttings				
6			2 " Ø Borehole				
8				2GP		90	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-93
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, dark brown, dry			0-2.5'			
2	SAND, loose, poorly graded, turquoise-blue, moist	2.00 2.40		1GP		80	
	CL - CLAY, silty, firm, light brown with gray and orange mottling, dry to moist						
4			Soil Cuttings				
6	- stiff at 7.0ft BGS		2 " Ø Borehole				
8				2GP		100	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-94
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, firm, friable, dark brown, dry			1GP		80	
2							
4			Soil Cuttings				
6	- stiff, becoming light brown-gray at 6.5ft BGS		2 " Ø Borehole	2GP		95	
8							
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-95
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, dark brown			0-2.5'			
2				1GP		75	
	- 0.5ft layer wood, log pieces at 3.5ft BGS						
4			Soil Cuttings				
6	SM - SAND, silty, loose, well graded, brown, wet	6.00					
	CL - CLAY, stiff, light brown-gray, dry	7.00	2 " Ø Borehole	2GP		100	
8							
	- SANDSTONE cobbles, broken, gray, dry. Equipment refusal. at 9.5ft BGS	9.50					
10	END OF BOREHOLE @ 9.5ft BGS						
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-96
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty						
2							
	SAND, fine grained, poorly graded, blue, moist	2.50		1GP		90	
		3.00					
	CL - CLAY, firm, light brown with gray and orange mottling, dry			2.5-5'			
4							
			Soil Cuttings				
6	- 0.5ft trace sand, fine grained, turquoise-blue, moist to wet at 6.0ft BGS - stiff, no plasticity at 6.5ft BGS						
			2 " Ø Borehole				
8				2GP		80	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (2.5-5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-97
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, firm, low plasticity, dark brown, moist			0-2.5'			
2	SAND, loose, fine grained, poorly graded, turquoise-blue, moist	2.00 2.40		1GP		70	
	CL - CLAY, firm, light brown with gray and orange mottling, dry						
4							
	- 0.2ft seam trace SAND, loose, turquoise-blue, wet at 5.0ft BGS - stiff, low plasticity, brown with orange mottling, dry at 5.2ft BGS		Soil Cuttings				
6							
			2 " Ø Borehole				
8				2GP		85	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-98
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	CL - CLAY, silty, firm, friable, low plasticity, dark brown, dry			0-2.5'			
	SAND, loose, fine grained, turquoise-blue, wet	1.70					
2	CL - CLAY, stiff, low plasticity, brown with orange and gray mottling, dry	2.10		1GP		70	
4							
	SP - SAND, loose, fine grained, poorly graded, turquoise-blue, wet	5.00	Soil Cuttings				
		5.50					
6	CL - CLAY, silty, stiff, light brown with gray and orange mottling, dry		2 " Ø Borehole				
8				2GP		80	
10	END OF BOREHOLE @ 10.0ft BGS	10.00					
12							
14							
16							
18							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2.5')

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: RI Investigation
PROJECT NUMBER: 012616-T02
CLIENT: RACER, Inc
LOCATION: Closed Landfill, Elyria, Ohio

HOLE DESIGNATION: BH-99
DATE COMPLETED: July 19, 2013
DRILLING METHOD: Geoprobe
FIELD PERSONNEL: D. Newton

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	Borehole	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	CL - CLAY, silty, compact, friable, dark brown, dry			1GP		80	
3.00	SAND, loose, fine grained, turquoise-blue, moist						
4.00	CL - CLAY, stiff, brown with orange and gray mottling, dry		Soil Cuttings; 2 " Ø Borehole	2GP		95	
10.00	END OF BOREHOLE @ 10.0ft BGS						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 12616 CHI.GPJ CRA_CORP.GDT 9/6/13

Appendix B

Analytical Data

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-12614-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
7/5/2012 3:32:28 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-12614-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-12614-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 06/23/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.0 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 06/28/2012, 06/29/2012, 06/30/2012, 07/02/2012 and 07/03/2012.

Methylene Chloride was detected in method blank MB 240-49715/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

1,1-Dichloroethene and 2-Butanone (MEK) failed the recovery criteria low for the MS/MSD of sample GW-12616-062212-DN-40 (240-12614-40) in batch 240-49465.

Samples GW-12616-062112-DN-25 (240-12614-25)[20X], GW-12616-062112-DN-34 (240-12614-33)[2X] and RB-12616-062212-DN-39 (240-12614-39)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

Job ID: 240-12614-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-12614-1	GW-12616-061812-DN-01	Water	06/18/12 07:50	06/23/12 09:45
240-12614-2	GW-12616-061812-DN-02	Water	06/18/12 09:10	06/23/12 09:45
240-12614-3	GW-12616-061812-DN-03	Water	06/18/12 11:00	06/23/12 09:45
240-12614-4	GW-12616-061812-DN-04	Water	06/18/12 12:30	06/23/12 09:45
240-12614-5	GW-12616-061812-DN-05	Water	06/18/12 13:25	06/23/12 09:45
240-12614-6	GW-12616-061812-DN-06	Water	06/18/12 15:25	06/23/12 09:45
240-12614-7	GW-12616-061812-DN-07	Water	06/18/12 16:20	06/23/12 09:45
240-12614-8	GW-12616-061812-DN-08	Water	06/18/12 17:45	06/23/12 09:45
240-12614-9	GW-12616-061812-DN-09	Water	06/18/12 18:50	06/23/12 09:45
240-12614-10	GW-12616-061912-DN-10	Water	06/19/12 11:05	06/23/12 09:45
240-12614-11	GW-12616-061912-DN-11	Water	06/19/12 12:40	06/23/12 09:45
240-12614-12	GW-12616-061912-DN-12	Water	06/19/12 13:30	06/23/12 09:45
240-12614-13	GW-12616-061912-DN-13	Water	06/19/12 14:35	06/23/12 09:45
240-12614-14	GW-12616-061912-DN-14	Water	06/19/12 15:55	06/23/12 09:45
240-12614-15	GW-12616-061912-DN-15	Water	06/19/12 17:20	06/23/12 09:45
240-12614-16	GW-12616-061912-DN-16	Water	06/19/12 18:10	06/23/12 09:45
240-12614-17	GW-12616-062012-DN-17	Water	06/20/12 10:50	06/23/12 09:45
240-12614-18	GW-12616-062012-DN-18	Water	06/20/12 11:55	06/23/12 09:45
240-12614-19	GW-12616-062012-DN-19	Water	06/20/12 13:50	06/23/12 09:45
240-12614-20	GW-12616-062012-DN-20	Water	06/20/12 14:50	06/23/12 09:45
240-12614-21	GW-12616-062012-DN-21	Water	06/20/12 15:45	06/23/12 09:45
240-12614-22	GW-12616-062012-DN-22	Water	06/20/12 17:10	06/23/12 09:45
240-12614-23	GW-12616-062012-DN-23	Water	06/20/12 18:15	06/23/12 09:45
240-12614-24	GW-12616-062012-DN-24	Water	06/20/12 19:10	06/23/12 09:45
240-12614-25	GW-12616-062112-DN-25	Water	06/21/12 06:55	06/23/12 09:45
240-12614-26	GW-12616-062112-DN-26	Water	06/21/12 08:10	06/23/12 09:45
240-12614-27	GW-12616-062112-DN-27	Water	06/21/12 09:35	06/23/12 09:45
240-12614-28	GW-12616-062112-DN-28	Water	06/21/12 10:30	06/23/12 09:45
240-12614-29	GW-12616-062112-DN-29	Water	06/21/12 12:40	06/23/12 09:45
240-12614-30	GW-12616-062112-DN-30	Water	06/21/12 13:55	06/23/12 09:45
240-12614-31	GW-12616-062112-DN-31	Water	06/21/12 14:30	06/23/12 09:45
240-12614-32	GW-12616-062112-DN-32	Water	06/21/12 15:05	06/23/12 09:45
240-12614-33	GW-12616-062112-DN-34	Water	06/21/12 16:20	06/23/12 09:45
240-12614-34	GW-12616-062212-DN-33	Water	06/22/12 07:30	06/23/12 09:45
240-12614-35	GW-12616-062212-DN-35	Water	06/22/12 10:20	06/23/12 09:45
240-12614-36	GW-12616-062212-DN-36	Water	06/22/12 11:30	06/23/12 09:45
240-12614-37	GW-12616-062212-DN-37	Water	06/22/12 13:10	06/23/12 09:45
240-12614-38	GW-12616-062212-DN-38	Water	06/22/12 14:20	06/23/12 09:45
240-12614-39	RB-12616-062212-DN-39	Water	06/22/12 14:50	06/23/12 09:45
240-12614-40	GW-12616-062212-DN-40	Water	06/22/12 09:05	06/23/12 09:45
240-12614-41	TB-062212-001	Water	06/18/12 00:00	06/23/12 09:45

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-01 — **Lab Sample ID: 240-12614-1**

No Detections

Client Sample ID: GW-12616-061812-DN-02 — **Lab Sample ID: 240-12614-2**

No Detections

Client Sample ID: GW-12616-061812-DN-03 — **Lab Sample ID: 240-12614-3**

No Detections

Client Sample ID: GW-12616-061812-DN-04 — **Lab Sample ID: 240-12614-4**

No Detections

Client Sample ID: GW-12616-061812-DN-05 — **Lab Sample ID: 240-12614-5**

No Detections

Client Sample ID: GW-12616-061812-DN-06 — **Lab Sample ID: 240-12614-6**

No Detections

Client Sample ID: GW-12616-061812-DN-07 — **Lab Sample ID: 240-12614-7**

No Detections

Client Sample ID: GW-12616-061812-DN-08 — **Lab Sample ID: 240-12614-8**

No Detections

Client Sample ID: GW-12616-061812-DN-09 — **Lab Sample ID: 240-12614-9**

No Detections

Client Sample ID: GW-12616-061912-DN-10 — **Lab Sample ID: 240-12614-10**

No Detections

Client Sample ID: GW-12616-061912-DN-11 — **Lab Sample ID: 240-12614-11**

No Detections

Client Sample ID: GW-12616-061912-DN-12 — **Lab Sample ID: 240-12614-12**

No Detections

Client Sample ID: GW-12616-061912-DN-13 — **Lab Sample ID: 240-12614-13**

No Detections

Client Sample ID: GW-12616-061912-DN-14 — **Lab Sample ID: 240-12614-14**

No Detections

Client Sample ID: GW-12616-061912-DN-15 — **Lab Sample ID: 240-12614-15**

No Detections

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-16 — Lab Sample ID: 240-12614-16

No Detections

Client Sample ID: GW-12616-062012-DN-17 — Lab Sample ID: 240-12614-17

No Detections

Client Sample ID: GW-12616-062012-DN-18 — Lab Sample ID: 240-12614-18

No Detections

Client Sample ID: GW-12616-062012-DN-19 — Lab Sample ID: 240-12614-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.4	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062012-DN-20 — Lab Sample ID: 240-12614-20

No Detections

Client Sample ID: GW-12616-062012-DN-21 — Lab Sample ID: 240-12614-21

No Detections

Client Sample ID: GW-12616-062012-DN-22 — Lab Sample ID: 240-12614-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	12		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.3		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.8		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062012-DN-23 — Lab Sample ID: 240-12614-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.9		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.92	J	1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.96	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062012-DN-24 — Lab Sample ID: 240-12614-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.49	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-25 — Lab Sample ID: 240-12614-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	410		20	3.4	ug/L	20		8260B	Total/NA
Vinyl chloride	57		20	4.4	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene	370		20	3.4	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	160		20	3.8	ug/L	20		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-26 — Lab Sample ID: 240-12614-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J	10	1.1	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.17	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-27 — Lab Sample ID: 240-12614-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.44	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	6.4		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-28 — Lab Sample ID: 240-12614-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.31	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-29 — Lab Sample ID: 240-12614-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.19	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-30 — Lab Sample ID: 240-12614-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.32	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-31 — Lab Sample ID: 240-12614-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.36	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-32 — Lab Sample ID: 240-12614-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	16		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062112-DN-34 — Lab Sample ID: 240-12614-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	12		2.0	0.44	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	51		2.0	0.34	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	2.7		2.0	0.38	ug/L	2		8260B	Total/NA

Client Sample ID: GW-12616-062212-DN-33 — Lab Sample ID: 240-12614-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.26	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	3.4		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062212-DN-35 — Lab Sample ID: 240-12614-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.30	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: GW-12616-062212-DN-36 — Lab Sample ID: 240-12614-36

No Detections

Client Sample ID: GW-12616-062212-DN-37 — Lab Sample ID: 240-12614-37

No Detections

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-38 — Lab Sample ID: 240-12614-38

No Detections

Client Sample ID: RB-12616-062212-DN-39 — Lab Sample ID: 240-12614-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	180		40	4.4	ug/L	4		8260B	Total/NA
2-Butanone (MEK)	7.2	J	40	2.3	ug/L	4		8260B	Total/NA

Client Sample ID: GW-12616-062212-DN-40 — Lab Sample ID: 240-12614-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.4	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	4.7		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.4		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.42	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: TB-062212-001 — Lab Sample ID: 240-12614-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.7	J	10	1.1	ug/L	1		8260B	Total/NA

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-01
Date Collected: 06/18/12 07:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 00:28	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 00:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 00:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 00:28	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 00:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 00:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 00:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 00:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 00:28	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 00:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 00:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 00:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 00:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 00:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 00:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 00:28	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 00:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 00:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 00:28	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 00:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 00:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 00:28	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 00:28	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 00:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 00:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 00:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 00:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 00:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 00:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 00:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 00:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 00:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 00:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 00:28	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 00:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 00:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 00:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 00:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 00:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/29/12 00:28*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-01
Date Collected: 06/18/12 07:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		66 - 117		06/29/12 00:28	1
Toluene-d8 (Surr)	97		74 - 115		06/29/12 00:28	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 00:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-02
Date Collected: 06/18/12 09:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 00:51	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 00:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 00:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 00:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 00:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 00:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 00:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 00:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 00:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 00:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 00:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 00:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 00:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 00:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 00:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 00:51	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 00:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 00:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 00:51	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 00:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 00:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 00:51	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 00:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 00:51	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 00:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 00:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 00:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 00:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 00:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 00:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 00:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 00:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 00:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 00:51	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 00:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 00:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 00:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 00:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 00:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/29/12 00:51*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-02
Date Collected: 06/18/12 09:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/29/12 00:51	1
Toluene-d8 (Surr)	97		74 - 115		06/29/12 00:51	1
Dibromofluoromethane (Surr)	94		75 - 121		06/29/12 00:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-03
Date Collected: 06/18/12 11:00
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 01:13	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 01:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 01:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 01:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 01:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 01:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 01:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 01:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 01:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 01:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 01:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 01:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 01:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 01:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 01:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 01:13	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 01:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 01:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 01:13	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 01:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 01:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 01:13	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 01:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 01:13	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 01:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 01:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 01:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 01:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 01:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 01:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 01:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 01:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 01:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 01:13	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 01:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 01:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 01:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 01:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 01:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 01:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/29/12 01:13*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-03
Date Collected: 06/18/12 11:00
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		66 - 117		06/29/12 01:13	1
Toluene-d8 (Surr)	98		74 - 115		06/29/12 01:13	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 01:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-04
Date Collected: 06/18/12 12:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 01:36	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 01:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 01:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 01:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 01:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 01:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 01:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 01:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 01:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 01:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 01:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 01:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 01:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 01:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 01:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 01:36	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 01:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 01:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 01:36	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 01:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 01:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 01:36	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 01:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 01:36	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 01:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 01:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 01:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 01:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 01:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 01:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 01:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 01:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 01:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 01:36	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 01:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 01:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 01:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 01:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 01:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 01:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/29/12 01:36*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-04
Date Collected: 06/18/12 12:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		66 - 117		06/29/12 01:36	1
Toluene-d8 (Surr)	98		74 - 115		06/29/12 01:36	1
Dibromofluoromethane (Surr)	94		75 - 121		06/29/12 01:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-05
Date Collected: 06/18/12 13:25
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 01:57	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 01:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 01:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 01:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 01:57	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 01:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 01:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 01:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 01:57	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 01:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 01:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 01:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 01:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 01:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 01:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 01:57	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 01:57	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 01:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 01:57	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 01:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 01:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 01:57	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 01:57	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 01:57	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 01:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 01:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 01:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 01:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 01:57	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 01:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 01:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 01:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 01:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 01:57	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 01:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 01:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 01:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 01:57	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 01:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/29/12 01:57*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-05
Date Collected: 06/18/12 13:25
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/29/12 01:57	1
Toluene-d8 (Surr)	95		74 - 115		06/29/12 01:57	1
Dibromofluoromethane (Surr)	94		75 - 121		06/29/12 01:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-06
Date Collected: 06/18/12 15:25
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 02:19	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 02:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 02:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 02:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 02:19	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 02:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 02:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 02:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 02:19	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 02:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 02:19	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 02:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 02:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 02:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 02:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 02:19	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 02:19	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 02:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 02:19	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 02:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 02:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 02:19	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 02:19	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 02:19	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 02:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 02:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 02:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 02:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 02:19	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 02:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 02:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 02:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 02:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 02:19	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 02:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 02:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 02:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 02:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 02:19	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 02:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*06/29/12 02:19*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-06
Date Collected: 06/18/12 15:25
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		66 - 117		06/29/12 02:19	1
Toluene-d8 (Surr)	95		74 - 115		06/29/12 02:19	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 02:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-07
Date Collected: 06/18/12 16:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 02:42	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 02:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 02:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 02:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 02:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 02:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 02:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 02:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 02:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 02:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 02:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 02:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 02:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 02:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 02:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 02:42	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 02:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 02:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 02:42	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 02:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 02:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 02:42	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 02:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 02:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 02:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 02:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 02:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 02:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 02:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 02:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 02:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 02:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 02:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 02:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 02:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 02:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 02:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 02:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 02:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 02:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/29/12 02:42*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-07
Date Collected: 06/18/12 16:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/29/12 02:42	1
Toluene-d8 (Surr)	96		74 - 115		06/29/12 02:42	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 02:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-08
Date Collected: 06/18/12 17:45
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 03:05	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 03:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 03:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 03:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 03:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 03:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 03:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 03:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 03:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 03:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 03:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 03:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 03:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 03:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 03:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 03:05	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 03:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 03:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 03:05	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 03:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 03:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 03:05	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 03:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 03:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 03:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 03:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 03:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 03:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 03:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 03:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 03:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 03:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 03:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 03:05	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 03:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 03:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 03:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 03:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 03:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 03:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/29/12 03:05*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-08
Date Collected: 06/18/12 17:45
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/29/12 03:05	1
Toluene-d8 (Surr)	95		74 - 115		06/29/12 03:05	1
Dibromofluoromethane (Surr)	94		75 - 121		06/29/12 03:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-09
Date Collected: 06/18/12 18:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 03:26	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 03:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 03:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 03:26	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 03:26	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 03:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 03:26	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 03:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 03:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 03:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 03:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 03:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 03:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 03:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 03:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 03:26	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 03:26	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 03:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 03:26	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 03:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 03:26	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 03:26	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 03:26	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 03:26	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 03:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 03:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 03:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 03:26	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 03:26	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 03:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 03:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 03:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 03:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 03:26	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 03:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 03:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 03:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 03:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 03:26	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 03:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*06/29/12 03:26*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061812-DN-09
Date Collected: 06/18/12 18:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/29/12 03:26	1
Toluene-d8 (Surr)	97		74 - 115		06/29/12 03:26	1
Dibromofluoromethane (Surr)	93		75 - 121		06/29/12 03:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-10
Date Collected: 06/19/12 11:05
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 03:49	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 03:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 03:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 03:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 03:49	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 03:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 03:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 03:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 03:49	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 03:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 03:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 03:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 03:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 03:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 03:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 03:49	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 03:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 03:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 03:49	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 03:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 03:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 03:49	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 03:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 03:49	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 03:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 03:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 03:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 03:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 03:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 03:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 03:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 03:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 03:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 03:49	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 03:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 03:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 03:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 03:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 03:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 03:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*06/29/12 03:49*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-10
Date Collected: 06/19/12 11:05
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		66 - 117		06/29/12 03:49	1
Toluene-d8 (Surr)	95		74 - 115		06/29/12 03:49	1
Dibromofluoromethane (Surr)	96		75 - 121		06/29/12 03:49	1

Client Sample ID: GW-12616-061912-DN-11
Date Collected: 06/19/12 12:40
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 04:11	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 04:11	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 04:11	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 04:11	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 04:11	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 04:11	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 04:11	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 04:11	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 04:11	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 04:11	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 04:11	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 04:11	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 04:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 04:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 04:11	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 04:11	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 04:11	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 04:11	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 04:11	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 04:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 04:11	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 04:11	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 04:11	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 04:11	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 04:11	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 04:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 04:11	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 04:11	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 04:11	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 04:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 04:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 04:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 04:11	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 04:11	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 04:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 04:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 04:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 04:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 04:11	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 04:11	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*06/29/12 04:11*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-11
Date Collected: 06/19/12 12:40
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		66 - 117		06/29/12 04:11	1
Toluene-d8 (Surr)	98		74 - 115		06/29/12 04:11	1
Dibromofluoromethane (Surr)	94		75 - 121		06/29/12 04:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-12
Date Collected: 06/19/12 13:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 04:34	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 04:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 04:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 04:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 04:34	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 04:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 04:34	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 04:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 04:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 04:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 04:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 04:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 04:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 04:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 04:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 04:34	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 04:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 04:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 04:34	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 04:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 04:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 04:34	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 04:34	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 04:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 04:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 04:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 04:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 04:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 04:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 04:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 04:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 04:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 04:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 04:34	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 04:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 04:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 04:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 04:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 04:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 04:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*		*06/29/12 04:34*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-12
Date Collected: 06/19/12 13:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/29/12 04:34	1
Toluene-d8 (Surr)	95		74 - 115		06/29/12 04:34	1
Dibromofluoromethane (Surr)	96		75 - 121		06/29/12 04:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-13
Date Collected: 06/19/12 14:35
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 04:57	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 04:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 04:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 04:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 04:57	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 04:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 04:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 04:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 04:57	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 04:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 04:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 04:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 04:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 04:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 04:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 04:57	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 04:57	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 04:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 04:57	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 04:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 04:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 04:57	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 04:57	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 04:57	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 04:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 04:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 04:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 04:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 04:57	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 04:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 04:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 04:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 04:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 04:57	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 04:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 04:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 04:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 04:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 04:57	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 04:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*		*06/29/12 04:57*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-13
Date Collected: 06/19/12 14:35
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/29/12 04:57	1
Toluene-d8 (Surr)	96		74 - 115		06/29/12 04:57	1
Dibromofluoromethane (Surr)	96		75 - 121		06/29/12 04:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-14
Date Collected: 06/19/12 15:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 05:19	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 05:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 05:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 05:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 05:19	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 05:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 05:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 05:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 05:19	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 05:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 05:19	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 05:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 05:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 05:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 05:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 05:19	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 05:19	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 05:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 05:19	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 05:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 05:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 05:19	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 05:19	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 05:19	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 05:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 05:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 05:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 05:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 05:19	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 05:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 05:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 05:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 05:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 05:19	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 05:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 05:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 05:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 05:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 05:19	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 05:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*		*06/29/12 05:19*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-14
Date Collected: 06/19/12 15:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/29/12 05:19	1
Toluene-d8 (Surr)	97		74 - 115		06/29/12 05:19	1
Dibromofluoromethane (Surr)	98		75 - 121		06/29/12 05:19	1

Client Sample ID: GW-12616-061912-DN-15
Date Collected: 06/19/12 17:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 05:42	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 05:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 05:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 05:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 05:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 05:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 05:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 05:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 05:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 05:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 05:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 05:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 05:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 05:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 05:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 05:42	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 05:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 05:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 05:42	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 05:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 05:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 05:42	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 05:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 05:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 05:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 05:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 05:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 05:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 05:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 05:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 05:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 05:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 05:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 05:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 05:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 05:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 05:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 05:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 05:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 05:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*		*06/29/12 05:42*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-15
Date Collected: 06/19/12 17:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/29/12 05:42	1
Toluene-d8 (Surr)	97		74 - 115		06/29/12 05:42	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 05:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-16
Date Collected: 06/19/12 18:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 06:04	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 06:04	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 06:04	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 06:04	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 06:04	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 06:04	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 06:04	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 06:04	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 06:04	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 06:04	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 06:04	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 06:04	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 06:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 06:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 06:04	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 06:04	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 06:04	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 06:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 06:04	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 06:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 06:04	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 06:04	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 06:04	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 06:04	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 06:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 06:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 06:04	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 06:04	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 06:04	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 06:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 06:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 06:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 06:04	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 06:04	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 06:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 06:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 06:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 06:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 06:04	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 06:04	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*		*06/29/12 06:04*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-061912-DN-16
Date Collected: 06/19/12 18:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		66 - 117		06/29/12 06:04	1
Toluene-d8 (Surr)	94		74 - 115		06/29/12 06:04	1
Dibromofluoromethane (Surr)	91		75 - 121		06/29/12 06:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-17
Date Collected: 06/20/12 10:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 06:27	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 06:27	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 06:27	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 06:27	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 06:27	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 06:27	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 06:27	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 06:27	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 06:27	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 06:27	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 06:27	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 06:27	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 06:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 06:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 06:27	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 06:27	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 06:27	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 06:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 06:27	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 06:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 06:27	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 06:27	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 06:27	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 06:27	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 06:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 06:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 06:27	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 06:27	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 06:27	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 06:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 06:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 06:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 06:27	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 06:27	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 06:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 06:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 06:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 06:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 06:27	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 06:27	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*06/29/12 06:27*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-17
Date Collected: 06/20/12 10:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		66 - 117		06/29/12 06:27	1
Toluene-d8 (Surr)	99		74 - 115		06/29/12 06:27	1
Dibromofluoromethane (Surr)	98		75 - 121		06/29/12 06:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-18
Date Collected: 06/20/12 11:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 06:50	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 06:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 06:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 06:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 06:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 06:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 06:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 06:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 06:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 06:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 06:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 06:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 06:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 06:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 06:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 06:50	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 06:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 06:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 06:50	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 06:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 06:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 06:50	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 06:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 06:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 06:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 06:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 06:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 06:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 06:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 06:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 06:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 06:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 06:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 06:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 06:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 06:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 06:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 06:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 06:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 06:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/29/12 06:50*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-18
Date Collected: 06/20/12 11:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		66 - 117		06/29/12 06:50	1
Toluene-d8 (Surr)	96		74 - 115		06/29/12 06:50	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 06:50	1

Client Sample ID: GW-12616-062012-DN-19
Date Collected: 06/20/12 13:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.4	J	10	1.1	ug/L			06/29/12 07:13	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 07:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 07:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 07:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 07:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 07:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 07:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 07:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 07:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 07:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 07:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 07:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 07:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 07:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 07:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 07:13	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 07:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 07:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 07:13	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 07:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 07:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 07:13	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 07:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 07:13	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 07:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 07:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 07:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 07:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 07:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 07:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 07:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 07:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 07:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 07:13	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 07:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 07:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 07:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 07:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 07:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 07:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/29/12 07:13*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-19
Date Collected: 06/20/12 13:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		66 - 117		06/29/12 07:13	1
Toluene-d8 (Surr)	97		74 - 115		06/29/12 07:13	1
Dibromofluoromethane (Surr)	95		75 - 121		06/29/12 07:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-20
Date Collected: 06/20/12 14:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 07:34	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 07:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 07:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 07:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 07:34	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 07:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 07:34	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 07:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 07:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 07:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 07:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 07:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 07:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 07:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 07:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 07:34	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 07:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 07:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 07:34	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 07:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 07:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 07:34	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 07:34	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 07:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 07:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 07:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 07:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 07:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 07:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 07:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 07:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 07:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 07:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 07:34	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 07:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 07:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 07:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 07:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 07:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 07:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*		*06/29/12 07:34*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-20
Date Collected: 06/20/12 14:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		66 - 117		06/29/12 07:34	1
Toluene-d8 (Surr)	95		74 - 115		06/29/12 07:34	1
Dibromofluoromethane (Surr)	94		75 - 121		06/29/12 07:34	1

Client Sample ID: GW-12616-062012-DN-21
Date Collected: 06/20/12 15:45
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 00:57	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 00:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 00:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 00:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 00:57	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 00:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 00:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 00:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 00:57	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 00:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 00:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 00:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 00:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 00:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 00:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 00:57	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 00:57	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 00:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 00:57	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 00:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 00:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 00:57	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 00:57	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 00:57	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 00:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 00:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 00:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 00:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 00:57	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 00:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 00:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 00:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 00:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 00:57	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 00:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 00:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 00:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 00:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 00:57	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 00:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/30/12 00:57*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-21
Date Collected: 06/20/12 15:45
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/30/12 00:57	1
Toluene-d8 (Surr)	99		74 - 115		06/30/12 00:57	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 00:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-22
Date Collected: 06/20/12 17:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 01:20	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 01:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 01:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 01:20	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 01:20	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 01:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 01:20	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 01:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 01:20	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 01:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 01:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 01:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 01:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 01:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 01:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 01:20	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 01:20	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 01:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 01:20	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 01:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 01:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 01:20	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
Trichloroethene	**12**		1.0	0.17	ug/L			06/30/12 01:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 01:20	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 01:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 01:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 01:20	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 01:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 01:20	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 01:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 01:20	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.17	ug/L			06/30/12 01:20	1
trans-1,2-Dichloroethene	**1.8**		1.0	0.19	ug/L			06/30/12 01:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 01:20	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 01:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 01:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 01:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 01:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 01:20	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 01:20	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/30/12 01:20*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-22
Date Collected: 06/20/12 17:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/30/12 01:20	1
Toluene-d8 (Surr)	97		74 - 115		06/30/12 01:20	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 01:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-23
Date Collected: 06/20/12 18:15
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 01:43	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 01:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 01:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 01:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 01:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 01:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 01:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 01:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 01:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 01:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 01:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 01:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 01:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 01:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 01:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 01:43	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 01:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 01:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 01:43	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 01:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 01:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 01:43	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
Trichloroethene	**5.9**		1.0	0.17	ug/L			06/30/12 01:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 01:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 01:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 01:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 01:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 01:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 01:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 01:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 01:43	1
cis-1,2-Dichloroethene	**0.92**	**J**	1.0	0.17	ug/L			06/30/12 01:43	1
trans-1,2-Dichloroethene	**0.96**	**J**	1.0	0.19	ug/L			06/30/12 01:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 01:43	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 01:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 01:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 01:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 01:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 01:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*63 - 129*		*06/30/12 01:43*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-23
Date Collected: 06/20/12 18:15
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		66 - 117		06/30/12 01:43	1
Toluene-d8 (Surr)	94		74 - 115		06/30/12 01:43	1
Dibromofluoromethane (Surr)	91		75 - 121		06/30/12 01:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-24
Date Collected: 06/20/12 19:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 02:05	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 02:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 02:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 02:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 02:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 02:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 02:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 02:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 02:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 02:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 02:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 02:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 02:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 02:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 02:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 02:05	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 02:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 02:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 02:05	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 02:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 02:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 02:05	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
Trichloroethene	**0.49**	**J**	1.0	0.17	ug/L			06/30/12 02:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 02:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 02:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 02:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 02:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 02:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 02:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 02:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 02:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 02:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 02:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 02:05	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 02:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 02:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 02:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 02:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 02:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/30/12 02:05*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062012-DN-24
Date Collected: 06/20/12 19:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		66 - 117		06/30/12 02:05	1
Toluene-d8 (Surr)	96		74 - 115		06/30/12 02:05	1
Dibromofluoromethane (Surr)	95		75 - 121		06/30/12 02:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-25
Date Collected: 06/21/12 06:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	200	U	200	22	ug/L			07/02/12 20:54	20
Benzene	20	U	20	2.6	ug/L			07/02/12 20:54	20
Dichlorobromomethane	20	U	20	3.0	ug/L			07/02/12 20:54	20
Bromoform	20	U	20	13	ug/L			07/02/12 20:54	20
Bromomethane	20	U	20	8.2	ug/L			07/02/12 20:54	20
2-Butanone (MEK)	200	U	200	11	ug/L			07/02/12 20:54	20
Carbon disulfide	20	U	20	2.6	ug/L			07/02/12 20:54	20
Carbon tetrachloride	20	U	20	2.6	ug/L			07/02/12 20:54	20
Chlorobenzene	20	U	20	3.0	ug/L			07/02/12 20:54	20
Chloroethane	20	U	20	5.8	ug/L			07/02/12 20:54	20
Chloroform	20	U	20	3.2	ug/L			07/02/12 20:54	20
Chloromethane	20	U	20	6.0	ug/L			07/02/12 20:54	20
1,1-Dichloroethane	20	U	20	3.0	ug/L			07/02/12 20:54	20
1,2-Dichloroethane	20	U	20	4.4	ug/L			07/02/12 20:54	20
1,1-Dichloroethene	20	U	20	3.8	ug/L			07/02/12 20:54	20
1,2-Dichloropropane	20	U	20	3.6	ug/L			07/02/12 20:54	20
cis-1,3-Dichloropropene	20	U	20	2.8	ug/L			07/02/12 20:54	20
trans-1,3-Dichloropropene	20	U	20	3.8	ug/L			07/02/12 20:54	20
Ethylbenzene	20	U	20	3.4	ug/L			07/02/12 20:54	20
2-Hexanone	200	U	200	8.2	ug/L			07/02/12 20:54	20
Methylene Chloride	20	U	20	6.6	ug/L			07/02/12 20:54	20
4-Methyl-2-pentanone (MIBK)	200	U	200	6.4	ug/L			07/02/12 20:54	20
Styrene	20	U	20	2.2	ug/L			07/02/12 20:54	20
1,1,2,2-Tetrachloroethane	20	U	20	3.6	ug/L			07/02/12 20:54	20
Tetrachloroethene	20	U	20	5.8	ug/L			07/02/12 20:54	20
Toluene	20	U	20	2.6	ug/L			07/02/12 20:54	20
Trichloroethene	**410**		20	3.4	ug/L			07/02/12 20:54	20
Vinyl chloride	**57**		20	4.4	ug/L			07/02/12 20:54	20
Xylenes, Total	40	U	40	5.6	ug/L			07/02/12 20:54	20
1,1,1-Trichloroethane	20	U	20	4.4	ug/L			07/02/12 20:54	20
1,1,2-Trichloroethane	20	U	20	5.4	ug/L			07/02/12 20:54	20
Cyclohexane	20	U	20	2.4	ug/L			07/02/12 20:54	20
1,2-Dibromo-3-Chloropropane	40	U	40	13	ug/L			07/02/12 20:54	20
Ethylene Dibromide	20	U	20	4.8	ug/L			07/02/12 20:54	20
Dichlorodifluoromethane	20	U	20	6.2	ug/L			07/02/12 20:54	20
cis-1,2-Dichloroethene	**370**		20	3.4	ug/L			07/02/12 20:54	20
trans-1,2-Dichloroethene	**160**		20	3.8	ug/L			07/02/12 20:54	20
Isopropylbenzene	20	U	20	2.6	ug/L			07/02/12 20:54	20
Methyl acetate	200	U	200	7.6	ug/L			07/02/12 20:54	20
Methyl tert-butyl ether	100	U	100	3.4	ug/L			07/02/12 20:54	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	5.6	ug/L			07/02/12 20:54	20
1,2,4-Trichlorobenzene	20	U	20	3.0	ug/L			07/02/12 20:54	20
1,2-Dichlorobenzene	20	U	20	2.6	ug/L			07/02/12 20:54	20
1,3-Dichlorobenzene	20	U	20	2.8	ug/L			07/02/12 20:54	20
1,4-Dichlorobenzene	20	U	20	2.6	ug/L			07/02/12 20:54	20
Trichlorofluoromethane	20	U	20	4.2	ug/L			07/02/12 20:54	20
Chlorodibromomethane	20	U	20	3.6	ug/L			07/02/12 20:54	20
Methylcyclohexane	20	U	20	2.6	ug/L			07/02/12 20:54	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*07/02/12 20:54*	*20*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-25
Date Collected: 06/21/12 06:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		66 - 117		07/02/12 20:54	20
Toluene-d8 (Surr)	97		74 - 115		07/02/12 20:54	20
Dibromofluoromethane (Surr)	98		75 - 121		07/02/12 20:54	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-26
Date Collected: 06/21/12 08:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.2**	**J**	10	1.1	ug/L			06/30/12 02:28	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 02:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 02:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 02:28	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 02:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 02:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 02:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 02:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 02:28	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 02:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 02:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 02:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 02:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 02:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 02:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 02:28	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 02:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 02:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 02:28	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 02:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 02:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 02:28	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 02:28	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 02:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 02:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 02:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 02:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 02:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 02:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 02:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 02:28	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.17	ug/L			06/30/12 02:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 02:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 02:28	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 02:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 02:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 02:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 02:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 02:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 02:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*06/30/12 02:28*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-26
Date Collected: 06/21/12 08:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/30/12 02:28	1
Toluene-d8 (Surr)	96		74 - 115		06/30/12 02:28	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 02:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-27
Date Collected: 06/21/12 09:35
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 02:50	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 02:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 02:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 02:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 02:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 02:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 02:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 02:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 02:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 02:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 02:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 02:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 02:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 02:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 02:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 02:50	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 02:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 02:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 02:50	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 02:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 02:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 02:50	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
Trichloroethene	**0.44**	**J**	1.0	0.17	ug/L			06/30/12 02:50	1
Vinyl chloride	**6.4**		1.0	0.22	ug/L			06/30/12 02:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 02:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 02:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 02:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 02:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 02:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 02:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 02:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 02:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 02:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 02:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 02:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 02:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 02:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 02:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 02:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 02:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*06/30/12 02:50*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-27
Date Collected: 06/21/12 09:35
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		66 - 117		06/30/12 02:50	1
Toluene-d8 (Surr)	97		74 - 115		06/30/12 02:50	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 02:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-28
Date Collected: 06/21/12 10:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 03:13	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 03:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 03:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 03:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 03:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 03:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 03:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 03:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 03:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 03:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 03:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 03:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 03:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 03:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 03:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 03:13	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 03:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 03:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 03:13	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 03:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 03:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 03:13	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
Trichloroethene	**0.31**	**J**	1.0	0.17	ug/L			06/30/12 03:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 03:13	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 03:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 03:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 03:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 03:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 03:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 03:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 03:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 03:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 03:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 03:13	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 03:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 03:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 03:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 03:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 03:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/30/12 03:13*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-28
Date Collected: 06/21/12 10:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		66 - 117		06/30/12 03:13	1
Toluene-d8 (Surr)	96		74 - 115		06/30/12 03:13	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 03:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-29
Date Collected: 06/21/12 12:40
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 03:35	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 03:35	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 03:35	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 03:35	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 03:35	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 03:35	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 03:35	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 03:35	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 03:35	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 03:35	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 03:35	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 03:35	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 03:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 03:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 03:35	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 03:35	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 03:35	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 03:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 03:35	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 03:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 03:35	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 03:35	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
Trichloroethene	**0.19**	**J**	1.0	0.17	ug/L			06/30/12 03:35	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 03:35	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 03:35	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 03:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 03:35	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 03:35	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 03:35	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 03:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 03:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 03:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 03:35	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 03:35	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 03:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 03:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 03:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 03:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 03:35	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 03:35	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*06/30/12 03:35*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-29
Date Collected: 06/21/12 12:40
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		66 - 117		06/30/12 03:35	1
Toluene-d8 (Surr)	95		74 - 115		06/30/12 03:35	1
Dibromofluoromethane (Surr)	93		75 - 121		06/30/12 03:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-30
Date Collected: 06/21/12 13:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 03:58	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 03:58	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 03:58	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 03:58	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 03:58	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 03:58	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 03:58	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 03:58	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 03:58	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 03:58	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 03:58	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 03:58	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 03:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 03:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 03:58	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 03:58	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 03:58	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 03:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 03:58	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 03:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 03:58	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 03:58	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
Trichloroethene	**0.32**	**J**	1.0	0.17	ug/L			06/30/12 03:58	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 03:58	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 03:58	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 03:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 03:58	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 03:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 03:58	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 03:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 03:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 03:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 03:58	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 03:58	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 03:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 03:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 03:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 03:58	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 03:58	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*06/30/12 03:58*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-30
Date Collected: 06/21/12 13:55
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/30/12 03:58	1
Toluene-d8 (Surr)	97		74 - 115		06/30/12 03:58	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 03:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-31
Date Collected: 06/21/12 14:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 04:20	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 04:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 04:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 04:20	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 04:20	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 04:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 04:20	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 04:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 04:20	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 04:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 04:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 04:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 04:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 04:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 04:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 04:20	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 04:20	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 04:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 04:20	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 04:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 04:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 04:20	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
Trichloroethene	**0.36**	**J**	1.0	0.17	ug/L			06/30/12 04:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 04:20	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 04:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 04:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 04:20	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 04:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 04:20	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 04:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 04:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 04:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 04:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 04:20	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 04:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 04:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 04:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 04:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 04:20	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 04:20	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*06/30/12 04:20*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-31
Date Collected: 06/21/12 14:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		66 - 117		06/30/12 04:20	1
Toluene-d8 (Surr)	99		74 - 115		06/30/12 04:20	1
Dibromofluoromethane (Surr)	96		75 - 121		06/30/12 04:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-32
Date Collected: 06/21/12 15:05
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 04:43	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 04:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 04:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 04:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 04:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 04:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 04:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 04:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 04:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 04:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 04:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 04:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 04:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 04:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 04:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 04:43	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 04:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 04:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 04:43	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 04:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 04:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 04:43	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 04:43	1
Vinyl chloride	**16**		1.0	0.22	ug/L			06/30/12 04:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 04:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 04:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 04:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 04:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 04:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 04:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 04:43	1
cis-1,2-Dichloroethene	**2.4**		1.0	0.17	ug/L			06/30/12 04:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 04:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 04:43	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 04:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 04:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 04:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 04:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 04:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/30/12 04:43*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-32
Date Collected: 06/21/12 15:05
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		66 - 117		06/30/12 04:43	1
Toluene-d8 (Surr)	96		74 - 115		06/30/12 04:43	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 04:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-34
Date Collected: 06/21/12 16:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	2.2	ug/L			07/03/12 20:37	2
Benzene	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
Dichlorobromomethane	2.0	U	2.0	0.30	ug/L			07/03/12 20:37	2
Bromoform	2.0	U	2.0	1.3	ug/L			07/03/12 20:37	2
Bromomethane	2.0	U	2.0	0.82	ug/L			07/03/12 20:37	2
2-Butanone (MEK)	20	U	20	1.1	ug/L			07/03/12 20:37	2
Carbon disulfide	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
Carbon tetrachloride	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
Chlorobenzene	2.0	U	2.0	0.30	ug/L			07/03/12 20:37	2
Chloroethane	2.0	U	2.0	0.58	ug/L			07/03/12 20:37	2
Chloroform	2.0	U	2.0	0.32	ug/L			07/03/12 20:37	2
Chloromethane	2.0	U	2.0	0.60	ug/L			07/03/12 20:37	2
1,1-Dichloroethane	2.0	U	2.0	0.30	ug/L			07/03/12 20:37	2
1,2-Dichloroethane	2.0	U	2.0	0.44	ug/L			07/03/12 20:37	2
1,1-Dichloroethene	2.0	U	2.0	0.38	ug/L			07/03/12 20:37	2
1,2-Dichloropropane	2.0	U	2.0	0.36	ug/L			07/03/12 20:37	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.28	ug/L			07/03/12 20:37	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.38	ug/L			07/03/12 20:37	2
Ethylbenzene	2.0	U	2.0	0.34	ug/L			07/03/12 20:37	2
2-Hexanone	20	U	20	0.82	ug/L			07/03/12 20:37	2
Methylene Chloride	2.0	U	2.0	0.66	ug/L			07/03/12 20:37	2
4-Methyl-2-pentanone (MIBK)	20	U	20	0.64	ug/L			07/03/12 20:37	2
Styrene	2.0	U	2.0	0.22	ug/L			07/03/12 20:37	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.36	ug/L			07/03/12 20:37	2
Tetrachloroethene	2.0	U	2.0	0.58	ug/L			07/03/12 20:37	2
Toluene	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
Trichloroethene	2.0	U	2.0	0.34	ug/L			07/03/12 20:37	2
Vinyl chloride	**12**		2.0	0.44	ug/L			07/03/12 20:37	2
Xylenes, Total	4.0	U	4.0	0.56	ug/L			07/03/12 20:37	2
1,1,1-Trichloroethane	2.0	U	2.0	0.44	ug/L			07/03/12 20:37	2
1,1,2-Trichloroethane	2.0	U	2.0	0.54	ug/L			07/03/12 20:37	2
Cyclohexane	2.0	U	2.0	0.24	ug/L			07/03/12 20:37	2
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.3	ug/L			07/03/12 20:37	2
Ethylene Dibromide	2.0	U	2.0	0.48	ug/L			07/03/12 20:37	2
Dichlorodifluoromethane	2.0	U	2.0	0.62	ug/L			07/03/12 20:37	2
cis-1,2-Dichloroethene	**51**		2.0	0.34	ug/L			07/03/12 20:37	2
trans-1,2-Dichloroethene	**2.7**		2.0	0.38	ug/L			07/03/12 20:37	2
Isopropylbenzene	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
Methyl acetate	20	U	20	0.76	ug/L			07/03/12 20:37	2
Methyl tert-butyl ether	10	U	10	0.34	ug/L			07/03/12 20:37	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.56	ug/L			07/03/12 20:37	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.30	ug/L			07/03/12 20:37	2
1,2-Dichlorobenzene	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
1,3-Dichlorobenzene	2.0	U	2.0	0.28	ug/L			07/03/12 20:37	2
1,4-Dichlorobenzene	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2
Trichlorofluoromethane	2.0	U	2.0	0.42	ug/L			07/03/12 20:37	2
Chlorodibromomethane	2.0	U	2.0	0.36	ug/L			07/03/12 20:37	2
Methylcyclohexane	2.0	U	2.0	0.26	ug/L			07/03/12 20:37	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*07/03/12 20:37*	*2*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062112-DN-34
Date Collected: 06/21/12 16:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		66 - 117		07/03/12 20:37	2
Toluene-d8 (Surr)	96		74 - 115		07/03/12 20:37	2
Dibromofluoromethane (Surr)	97		75 - 121		07/03/12 20:37	2

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-33
Date Collected: 06/22/12 07:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 05:05	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 05:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 05:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 05:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 05:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 05:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 05:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 05:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 05:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 05:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 05:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 05:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 05:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 05:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 05:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 05:05	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 05:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 05:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 05:05	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 05:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 05:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 05:05	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
Trichloroethene	**0.26**	**J**	1.0	0.17	ug/L			06/30/12 05:05	1
Vinyl chloride	**3.4**		1.0	0.22	ug/L			06/30/12 05:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 05:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 05:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 05:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 05:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 05:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 05:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 05:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 05:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 05:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 05:05	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 05:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 05:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 05:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 05:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 05:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 05:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/30/12 05:05*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-33
Date Collected: 06/22/12 07:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		66 - 117		06/30/12 05:05	1
Toluene-d8 (Surr)	98		74 - 115		06/30/12 05:05	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 05:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-35
Date Collected: 06/22/12 10:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 05:28	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 05:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 05:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 05:28	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 05:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 05:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 05:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 05:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 05:28	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 05:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 05:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 05:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 05:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 05:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 05:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 05:28	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 05:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 05:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 05:28	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 05:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 05:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 05:28	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
Trichloroethene	**0.30**	**J**	1.0	0.17	ug/L			06/30/12 05:28	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 05:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 05:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 05:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 05:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 05:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 05:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 05:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 05:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 05:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 05:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 05:28	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 05:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 05:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 05:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 05:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 05:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 05:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*		*06/30/12 05:28*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-35
Date Collected: 06/22/12 10:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		66 - 117		06/30/12 05:28	1
Toluene-d8 (Surr)	94		74 - 115		06/30/12 05:28	1
Dibromofluoromethane (Surr)	92		75 - 121		06/30/12 05:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-36
Date Collected: 06/22/12 11:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 05:50	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 05:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 05:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 05:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 05:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 05:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 05:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 05:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 05:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 05:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 05:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 05:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 05:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 05:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 05:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 05:50	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 05:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 05:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 05:50	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 05:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 05:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 05:50	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 05:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 05:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 05:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 05:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 05:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 05:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 05:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 05:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 05:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 05:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 05:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 05:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 05:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 05:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 05:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 05:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 05:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 05:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/30/12 05:50*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-36
Date Collected: 06/22/12 11:30
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/30/12 05:50	1
Toluene-d8 (Surr)	96		74 - 115		06/30/12 05:50	1
Dibromofluoromethane (Surr)	97		75 - 121		06/30/12 05:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-37
Date Collected: 06/22/12 13:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 06:13	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 06:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 06:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 06:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 06:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 06:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 06:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 06:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 06:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 06:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 06:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 06:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 06:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 06:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 06:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 06:13	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 06:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 06:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 06:13	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 06:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 06:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 06:13	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 06:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 06:13	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 06:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 06:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 06:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 06:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 06:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 06:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 06:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 06:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 06:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 06:13	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 06:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 06:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 06:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 06:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 06:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 06:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/30/12 06:13*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-37
Date Collected: 06/22/12 13:10
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/30/12 06:13	1
Toluene-d8 (Surr)	96		74 - 115		06/30/12 06:13	1
Dibromofluoromethane (Surr)	96		75 - 121		06/30/12 06:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-38
Date Collected: 06/22/12 14:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/30/12 06:36	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 06:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 06:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 06:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 06:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 06:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 06:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 06:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 06:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 06:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 06:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 06:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 06:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 06:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 06:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 06:36	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 06:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 06:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 06:36	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 06:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 06:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 06:36	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 06:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/30/12 06:36	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 06:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 06:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 06:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 06:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 06:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 06:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 06:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 06:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 06:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 06:36	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 06:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 06:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 06:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 06:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 06:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 06:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*06/30/12 06:36*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-38
Date Collected: 06/22/12 14:20
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		66 - 117		06/30/12 06:36	1
Toluene-d8 (Surr)	97		74 - 115		06/30/12 06:36	1
Dibromofluoromethane (Surr)	97		75 - 121		06/30/12 06:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: RB-12616-062212-DN-39
Date Collected: 06/22/12 14:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**180**		40	4.4	ug/L			07/03/12 20:59	4
Benzene	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
Dichlorobromomethane	4.0	U	4.0	0.60	ug/L			07/03/12 20:59	4
Bromoform	4.0	U	4.0	2.6	ug/L			07/03/12 20:59	4
Bromomethane	4.0	U	4.0	1.6	ug/L			07/03/12 20:59	4
2-Butanone (MEK)	**7.2**	**J**	40	2.3	ug/L			07/03/12 20:59	4
Carbon disulfide	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
Carbon tetrachloride	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
Chlorobenzene	4.0	U	4.0	0.60	ug/L			07/03/12 20:59	4
Chloroethane	4.0	U	4.0	1.2	ug/L			07/03/12 20:59	4
Chloroform	4.0	U	4.0	0.64	ug/L			07/03/12 20:59	4
Chloromethane	4.0	U	4.0	1.2	ug/L			07/03/12 20:59	4
1,1-Dichloroethane	4.0	U	4.0	0.60	ug/L			07/03/12 20:59	4
1,2-Dichloroethane	4.0	U	4.0	0.88	ug/L			07/03/12 20:59	4
1,1-Dichloroethene	4.0	U	4.0	0.76	ug/L			07/03/12 20:59	4
1,2-Dichloropropane	4.0	U	4.0	0.72	ug/L			07/03/12 20:59	4
cis-1,3-Dichloropropene	4.0	U	4.0	0.56	ug/L			07/03/12 20:59	4
trans-1,3-Dichloropropene	4.0	U	4.0	0.76	ug/L			07/03/12 20:59	4
Ethylbenzene	4.0	U	4.0	0.68	ug/L			07/03/12 20:59	4
2-Hexanone	40	U	40	1.6	ug/L			07/03/12 20:59	4
Methylene Chloride	4.0	U	4.0	1.3	ug/L			07/03/12 20:59	4
4-Methyl-2-pentanone (MIBK)	40	U	40	1.3	ug/L			07/03/12 20:59	4
Styrene	4.0	U	4.0	0.44	ug/L			07/03/12 20:59	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.72	ug/L			07/03/12 20:59	4
Tetrachloroethene	4.0	U	4.0	1.2	ug/L			07/03/12 20:59	4
Toluene	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
Trichloroethene	4.0	U	4.0	0.68	ug/L			07/03/12 20:59	4
Vinyl chloride	4.0	U	4.0	0.88	ug/L			07/03/12 20:59	4
Xylenes, Total	8.0	U	8.0	1.1	ug/L			07/03/12 20:59	4
1,1,1-Trichloroethane	4.0	U	4.0	0.88	ug/L			07/03/12 20:59	4
1,1,2-Trichloroethane	4.0	U	4.0	1.1	ug/L			07/03/12 20:59	4
Cyclohexane	4.0	U	4.0	0.48	ug/L			07/03/12 20:59	4
1,2-Dibromo-3-Chloropropane	8.0	U	8.0	2.7	ug/L			07/03/12 20:59	4
Ethylene Dibromide	4.0	U	4.0	0.96	ug/L			07/03/12 20:59	4
Dichlorodifluoromethane	4.0	U	4.0	1.2	ug/L			07/03/12 20:59	4
cis-1,2-Dichloroethene	4.0	U	4.0	0.68	ug/L			07/03/12 20:59	4
trans-1,2-Dichloroethene	4.0	U	4.0	0.76	ug/L			07/03/12 20:59	4
Isopropylbenzene	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
Methyl acetate	40	U	40	1.5	ug/L			07/03/12 20:59	4
Methyl tert-butyl ether	20	U	20	0.68	ug/L			07/03/12 20:59	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.1	ug/L			07/03/12 20:59	4
1,2,4-Trichlorobenzene	4.0	U	4.0	0.60	ug/L			07/03/12 20:59	4
1,2-Dichlorobenzene	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
1,3-Dichlorobenzene	4.0	U	4.0	0.56	ug/L			07/03/12 20:59	4
1,4-Dichlorobenzene	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4
Trichlorofluoromethane	4.0	U	4.0	0.84	ug/L			07/03/12 20:59	4
Chlorodibromomethane	4.0	U	4.0	0.72	ug/L			07/03/12 20:59	4
Methylcyclohexane	4.0	U	4.0	0.52	ug/L			07/03/12 20:59	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*07/03/12 20:59*	*4*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: RB-12616-062212-DN-39
Date Collected: 06/22/12 14:50
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		66 - 117		07/03/12 20:59	4
Toluene-d8 (Surr)	97		74 - 115		07/03/12 20:59	4
Dibromofluoromethane (Surr)	98		75 - 121		07/03/12 20:59	4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-40
Date Collected: 06/22/12 09:05
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.4**	**J**	10	1.1	ug/L			06/30/12 06:58	1
Benzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/30/12 06:58	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/30/12 06:58	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/30/12 06:58	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/30/12 06:58	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 06:58	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/30/12 06:58	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/30/12 06:58	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/30/12 06:58	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/30/12 06:58	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 06:58	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/30/12 06:58	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/30/12 06:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/30/12 06:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/30/12 06:58	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/30/12 06:58	1
2-Hexanone	10	U	10	0.41	ug/L			06/30/12 06:58	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/30/12 06:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/30/12 06:58	1
Styrene	1.0	U	1.0	0.11	ug/L			06/30/12 06:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/30/12 06:58	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/30/12 06:58	1
Toluene	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/30/12 06:58	1
Vinyl chloride	**4.7**		1.0	0.22	ug/L			06/30/12 06:58	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/30/12 06:58	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/30/12 06:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/30/12 06:58	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/30/12 06:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/30/12 06:58	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/30/12 06:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/30/12 06:58	1
cis-1,2-Dichloroethene	**5.4**		1.0	0.17	ug/L			06/30/12 06:58	1
trans-1,2-Dichloroethene	**0.42**	**J**	1.0	0.19	ug/L			06/30/12 06:58	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
Methyl acetate	10	U	10	0.38	ug/L			06/30/12 06:58	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/30/12 06:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/30/12 06:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/30/12 06:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/30/12 06:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/30/12 06:58	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/30/12 06:58	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/30/12 06:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*06/30/12 06:58*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-40
Date Collected: 06/22/12 09:05
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		66 - 117		06/30/12 06:58	1
Toluene-d8 (Surr)	97		74 - 115		06/30/12 06:58	1
Dibromofluoromethane (Surr)	94		75 - 121		06/30/12 06:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: TB-062212-001
Date Collected: 06/18/12 00:00
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.7	J	10	1.1	ug/L			06/28/12 14:37	1
Benzene	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/28/12 14:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/28/12 14:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/28/12 14:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/28/12 14:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/28/12 14:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/28/12 14:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/28/12 14:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/28/12 14:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/28/12 14:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/28/12 14:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/28/12 14:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/28/12 14:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/28/12 14:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/28/12 14:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/28/12 14:37	1
2-Hexanone	10	U	10	0.41	ug/L			06/28/12 14:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/28/12 14:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/28/12 14:37	1
Styrene	1.0	U	1.0	0.11	ug/L			06/28/12 14:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/28/12 14:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/28/12 14:37	1
Toluene	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/28/12 14:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/28/12 14:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/28/12 14:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/28/12 14:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/28/12 14:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/28/12 14:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/28/12 14:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/28/12 14:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/28/12 14:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/28/12 14:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/28/12 14:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
Methyl acetate	10	U	10	0.38	ug/L			06/28/12 14:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/28/12 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/28/12 14:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/28/12 14:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/28/12 14:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/28/12 14:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/28/12 14:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/28/12 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*		*06/28/12 14:37*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: TB-062212-001
Date Collected: 06/18/12 00:00
Date Received: 06/23/12 09:45

Lab Sample ID: 240-12614-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		66 - 117		06/28/12 14:37	1
Toluene-d8 (Surr)	96		74 - 115		06/28/12 14:37	1
Dibromofluoromethane (Surr)	94		75 - 121		06/28/12 14:37	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-12614-1	GW-12616-061812-DN-01	87	101	97	95
240-12614-2	GW-12616-061812-DN-02	87	104	97	94
240-12614-3	GW-12616-061812-DN-03	88	102	98	95
240-12614-4	GW-12616-061812-DN-04	88	102	98	94
240-12614-5	GW-12616-061812-DN-05	87	103	95	94
240-12614-6	GW-12616-061812-DN-06	89	102	95	95
240-12614-7	GW-12616-061812-DN-07	87	104	96	95
240-12614-8	GW-12616-061812-DN-08	87	103	95	94
240-12614-9	GW-12616-061812-DN-09	89	104	97	93
240-12614-10	GW-12616-061912-DN-10	86	101	95	96
240-12614-11	GW-12616-061912-DN-11	89	107	98	94
240-12614-12	GW-12616-061912-DN-12	90	103	95	96
240-12614-13	GW-12616-061912-DN-13	90	104	96	96
240-12614-14	GW-12616-061912-DN-14	90	104	97	98
240-12614-15	GW-12616-061912-DN-15	90	104	97	95
240-12614-16	GW-12616-061912-DN-16	85	102	94	91
240-12614-17	GW-12616-062012-DN-17	91	108	99	98
240-12614-18	GW-12616-062012-DN-18	88	105	96	95
240-12614-19	GW-12616-062012-DN-19	88	106	97	95
240-12614-20	GW-12616-062012-DN-20	90	105	95	94
240-12614-20 MS	GW-12616-062012-DN-20	91	108	99	96
240-12614-20 MSD	GW-12616-062012-DN-20	91	102	97	97
240-12614-21	GW-12616-062012-DN-21	87	104	99	94
240-12614-22	GW-12616-062012-DN-22	88	103	97	94
240-12614-23	GW-12616-062012-DN-23	83	100	94	91
240-12614-24	GW-12616-062012-DN-24	88	101	96	95
240-12614-25	GW-12616-062112-DN-25	87	106	97	98
240-12614-25 MS	GW-12616-062112-DN-25	93	105	97	97
240-12614-25 MSD	GW-12616-062112-DN-25	93	108	97	100
240-12614-26	GW-12616-062112-DN-26	86	103	96	94
240-12614-27	GW-12616-062112-DN-27	86	106	97	94
240-12614-28	GW-12616-062112-DN-28	88	102	96	94
240-12614-29	GW-12616-062112-DN-29	88	99	95	93
240-12614-30	GW-12616-062112-DN-30	86	103	97	94
240-12614-31	GW-12616-062112-DN-31	89	106	99	96
240-12614-32	GW-12616-062112-DN-32	87	100	96	94
240-12614-33	GW-12616-062112-DN-34	89	106	96	97
240-12614-34	GW-12616-062212-DN-33	87	101	98	94
240-12614-35	GW-12616-062212-DN-35	85	100	94	92
240-12614-36	GW-12616-062212-DN-36	87	103	96	97
240-12614-37	GW-12616-062212-DN-37	87	104	96	96
240-12614-38	GW-12616-062212-DN-38	89	103	97	97
240-12614-39	RB-12616-062212-DN-39	89	105	97	98
240-12614-40	GW-12616-062212-DN-40	87	102	97	94
240-12614-40 MS	GW-12616-062212-DN-40	93	105	97	99
240-12614-40 MSD	GW-12616-062212-DN-40	92	104	97	98
240-12614-41	TB-062212-001	90	104	96	94
LCS 240-49241/4	Lab Control Sample	93	106	98	96
LCS 240-49302/4	Lab Control Sample	93	106	98	98
LCS 240-49465/4	Lab Control Sample	93	105	98	98

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
LCS 240-49603/4	Lab Control Sample	95	107	98	100
LCS 240-49715/4	Lab Control Sample	96	106	97	98
MB 240-49241/5	Method Blank	89	108	97	96
MB 240-49302/5	Method Blank	89	103	95	95
MB 240-49465/5	Method Blank	86	103	94	94
MB 240-49603/5	Method Blank	88	108	97	97
MB 240-49715/5	Method Blank	92	106	98	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-49241/5
Matrix: Water
Analysis Batch: 49241

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/28/12 13:07	1
Benzene	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/28/12 13:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/28/12 13:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/28/12 13:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/28/12 13:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/28/12 13:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/28/12 13:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/28/12 13:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/28/12 13:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/28/12 13:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/28/12 13:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/28/12 13:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/28/12 13:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/28/12 13:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/28/12 13:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/28/12 13:07	1
2-Hexanone	10	U	10	0.41	ug/L			06/28/12 13:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/28/12 13:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/28/12 13:07	1
Styrene	1.0	U	1.0	0.11	ug/L			06/28/12 13:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/28/12 13:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/28/12 13:07	1
Toluene	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/28/12 13:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/28/12 13:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/28/12 13:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/28/12 13:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/28/12 13:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/28/12 13:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/28/12 13:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/28/12 13:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/28/12 13:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/28/12 13:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/28/12 13:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
Methyl acetate	10	U	10	0.38	ug/L			06/28/12 13:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/28/12 13:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/28/12 13:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/28/12 13:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/28/12 13:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/28/12 13:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/28/12 13:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/28/12 13:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-49241/5
Matrix: Water
Analysis Batch: 49241

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		06/28/12 13:07	1
4-Bromofluorobenzene (Surr)	108		66 - 117		06/28/12 13:07	1
Toluene-d8 (Surr)	97		74 - 115		06/28/12 13:07	1
Dibromofluoromethane (Surr)	96		75 - 121		06/28/12 13:07	1

Lab Sample ID: LCS 240-49241/4
Matrix: Water
Analysis Batch: 49241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.9		ug/L		95	43 - 136
Benzene	10.0	9.58		ug/L		96	83 - 112
Dichlorobromomethane	10.0	9.62		ug/L		96	72 - 121
Bromoform	10.0	10.4		ug/L		104	40 - 131
Bromomethane	10.0	9.20		ug/L		92	11 - 185
2-Butanone (MEK)	20.0	18.4		ug/L		92	60 - 126
Carbon disulfide	10.0	8.82		ug/L		88	62 - 142
Carbon tetrachloride	10.0	9.20		ug/L		92	66 - 128
Chlorobenzene	10.0	9.85		ug/L		99	85 - 110
Chloroethane	10.0	7.98		ug/L		80	25 - 153
Chloroform	10.0	9.44		ug/L		94	79 - 117
Chloromethane	10.0	9.30		ug/L		93	44 - 126
1,1-Dichloroethane	10.0	9.83		ug/L		98	82 - 115
1,2-Dichloroethane	10.0	9.45		ug/L		95	71 - 127
1,1-Dichloroethene	10.0	9.58		ug/L		96	78 - 131
1,2-Dichloropropane	10.0	9.62		ug/L		96	81 - 115
cis-1,3-Dichloropropene	10.0	9.00		ug/L		90	61 - 115
trans-1,3-Dichloropropene	10.0	9.46		ug/L		95	58 - 117
Ethylbenzene	10.0	9.69		ug/L		97	83 - 112
2-Hexanone	20.0	19.2		ug/L		96	55 - 133
Methylene Chloride	10.0	9.85		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.6		ug/L		93	63 - 128
Styrene	10.0	10.2		ug/L		102	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.83		ug/L		98	68 - 118
Tetrachloroethene	10.0	9.70		ug/L		97	79 - 114
Toluene	10.0	9.62		ug/L		96	84 - 111
Trichloroethene	10.0	9.76		ug/L		98	76 - 117
Vinyl chloride	10.0	9.11		ug/L		91	53 - 127
Xylenes, Total	30.0	29.5		ug/L		98	83 - 112
1,1,1-Trichloroethane	10.0	9.20		ug/L		92	74 - 118
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 112
Cyclohexane	10.0	8.62		ug/L		86	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.87		ug/L		79	42 - 136
Ethylene Dibromide	10.0	9.71		ug/L		97	79 - 113
Dichlorodifluoromethane	10.0	9.45		ug/L		95	19 - 129
cis-1,2-Dichloroethene	10.0	9.42		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.62		ug/L		96	83 - 117
Isopropylbenzene	10.0	10.0		ug/L		100	75 - 114
Methyl acetate	10.0	10.6		ug/L		106	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-49241/4
Matrix: Water
Analysis Batch: 49241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	9.46		ug/L		95	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.80		ug/L		98	74 - 151
1,2,4-Trichlorobenzene	10.0	8.89		ug/L		89	48 - 135
1,2-Dichlorobenzene	10.0	9.58		ug/L		96	81 - 110
1,3-Dichlorobenzene	10.0	9.96		ug/L		100	80 - 110
1,4-Dichlorobenzene	10.0	9.84		ug/L		98	82 - 110
Trichlorofluoromethane	10.0	9.23		ug/L		92	49 - 157
Chlorodibromomethane	10.0	9.55		ug/L		96	64 - 119
Methylcyclohexane	10.0	8.39		ug/L		84	56 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	83 - 113
o-Xylene	10.0	9.93		ug/L		99	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*106*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: MB 240-49302/5
Matrix: Water
Analysis Batch: 49302

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 00:05	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 00:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 00:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 00:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 00:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 00:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 00:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 00:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 00:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 00:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 00:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 00:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 00:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 00:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 00:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 00:05	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 00:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 00:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 00:05	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 00:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 00:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 00:05	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-49302/5
Matrix: Water
Analysis Batch: 49302

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 00:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 00:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 00:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 00:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 00:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 00:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 00:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 00:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 00:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 00:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 00:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 00:05	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 00:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 00:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 00:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 00:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 00:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 00:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 00:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*06/29/12 00:05*	*1*
4-Bromofluorobenzene (Surr)	*103*		*66 - 117*		*06/29/12 00:05*	*1*
Toluene-d8 (Surr)	*95*		*74 - 115*		*06/29/12 00:05*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 121*		*06/29/12 00:05*	*1*

Lab Sample ID: LCS 240-49302/4
Matrix: Water
Analysis Batch: 49302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.8		ug/L		94	43 - 136
Benzene	10.0	9.31		ug/L		93	83 - 112
Dichlorobromomethane	10.0	9.11		ug/L		91	72 - 121
Bromoform	10.0	9.61		ug/L		96	40 - 131
Bromomethane	10.0	10.8		ug/L		108	11 - 185
2-Butanone (MEK)	20.0	18.4		ug/L		92	60 - 126
Carbon disulfide	10.0	9.06		ug/L		91	62 - 142
Carbon tetrachloride	10.0	9.16		ug/L		92	66 - 128
Chlorobenzene	10.0	9.13		ug/L		91	85 - 110
Chloroethane	10.0	10.5		ug/L		105	25 - 153
Chloroform	10.0	8.93		ug/L		89	79 - 117
Chloromethane	10.0	8.69		ug/L		87	44 - 126
1,1-Dichloroethane	10.0	9.64		ug/L		96	82 - 115
1,2-Dichloroethane	10.0	9.36		ug/L		94	71 - 127
1,1-Dichloroethene	10.0	9.78		ug/L		98	78 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-49302/4
Matrix: Water
Analysis Batch: 49302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	9.26		ug/L		93	81 - 115
cis-1,3-Dichloropropene	10.0	8.38		ug/L		84	61 - 115
trans-1,3-Dichloropropene	10.0	8.49		ug/L		85	58 - 117
Ethylbenzene	10.0	8.85		ug/L		89	83 - 112
2-Hexanone	20.0	18.4		ug/L		92	55 - 133
Methylene Chloride	10.0	9.51		ug/L		95	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.8		ug/L		94	63 - 128
Styrene	10.0	9.37		ug/L		94	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.17		ug/L		92	68 - 118
Tetrachloroethene	10.0	8.97		ug/L		90	79 - 114
Toluene	10.0	8.94		ug/L		89	84 - 111
Trichloroethene	10.0	9.37		ug/L		94	76 - 117
Vinyl chloride	10.0	9.72		ug/L		97	53 - 127
Xylenes, Total	30.0	27.0		ug/L		90	83 - 112
1,1,1-Trichloroethane	10.0	9.18		ug/L		92	74 - 118
1,1,2-Trichloroethane	10.0	9.90		ug/L		99	80 - 112
Cyclohexane	10.0	9.02		ug/L		90	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.65		ug/L		77	42 - 136
Ethylene Dibromide	10.0	9.42		ug/L		94	79 - 113
Dichlorodifluoromethane	10.0	11.2		ug/L		112	19 - 129
cis-1,2-Dichloroethene	10.0	9.34		ug/L		93	80 - 113
trans-1,2-Dichloroethene	10.0	9.32		ug/L		93	83 - 117
Isopropylbenzene	10.0	9.03		ug/L		90	75 - 114
Methyl acetate	10.0	10.6		ug/L		106	58 - 131
Methyl tert-butyl ether	10.0	9.22		ug/L		92	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.3		ug/L		103	74 - 151
1,2,4-Trichlorobenzene	10.0	8.16		ug/L		82	48 - 135
1,2-Dichlorobenzene	10.0	8.84		ug/L		88	81 - 110
1,3-Dichlorobenzene	10.0	8.90		ug/L		89	80 - 110
1,4-Dichlorobenzene	10.0	8.85		ug/L		89	82 - 110
Trichlorofluoromethane	10.0	9.21		ug/L		92	49 - 157
Chlorodibromomethane	10.0	9.13		ug/L		91	64 - 119
Methylcyclohexane	10.0	9.01		ug/L		90	56 - 127
m-Xylene & p-Xylene	20.0	17.8		ug/L		89	83 - 113
o-Xylene	10.0	9.21		ug/L		92	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*106*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: 240-12614-20 MS
Matrix: Water
Analysis Batch: 49302

Client Sample ID: GW-12616-062012-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	17.3		ug/L		87	33 - 145
Benzene	1.0	U	10.0	8.92		ug/L		89	72 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-20 MS
Matrix: Water
Analysis Batch: 49302

Client Sample ID: GW-12616-062012-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	1.0	U	10.0	8.96		ug/L		90	67 - 120
Bromoform	1.0	U	10.0	8.88		ug/L		89	32 - 128
Bromomethane	1.0	U	10.0	8.41		ug/L		84	10 - 186
2-Butanone (MEK)	10	U	20.0	15.9		ug/L		80	54 - 129
Carbon disulfide	1.0	U	10.0	7.72		ug/L		77	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.25		ug/L		83	59 - 129
Chlorobenzene	1.0	U	10.0	8.78		ug/L		88	80 - 110
Chloroethane	1.0	U	10.0	8.48		ug/L		85	21 - 165
Chloroform	1.0	U	10.0	8.69		ug/L		87	76 - 118
Chloromethane	1.0	U	10.0	8.28		ug/L		83	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.14		ug/L		91	79 - 116
1,2-Dichloroethane	1.0	U	10.0	9.02		ug/L		90	68 - 129
1,1-Dichloroethene	1.0	U	10.0	8.37		ug/L		84	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.00		ug/L		90	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	7.75		ug/L		78	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	7.99		ug/L		80	46 - 116
Ethylbenzene	1.0	U	10.0	8.42		ug/L		84	75 - 116
2-Hexanone	10	U	20.0	16.8		ug/L		84	47 - 139
Methylene Chloride	1.0	U	10.0	8.54		ug/L		85	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	16.7		ug/L		84	56 - 131
Styrene	1.0	U	10.0	8.87		ug/L		89	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.80		ug/L		88	63 - 122
Tetrachloroethene	1.0	U	10.0	7.90		ug/L		79	70 - 117
Toluene	1.0	U	10.0	8.56		ug/L		86	78 - 114
Trichloroethene	1.0	U	10.0	8.61		ug/L		86	66 - 120
Vinyl chloride	1.0	U	10.0	7.95		ug/L		80	49 - 130
Xylenes, Total	2.0	U	30.0	25.5		ug/L		85	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	8.34		ug/L		83	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.36		ug/L		94	75 - 115
Cyclohexane	1.0	U	10.0	6.54		ug/L		65	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.46		ug/L		65	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.86		ug/L		89	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	8.44		ug/L		84	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.10		ug/L		91	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	8.81		ug/L		88	80 - 119
Isopropylbenzene	1.0	U	10.0	8.04		ug/L		80	68 - 116
Methyl acetate	10	U	10.0	7.53	J	ug/L		75	47 - 130
Methyl tert-butyl ether	5.0	U	10.0	8.64		ug/L		86	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	7.24		ug/L		72	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.53		ug/L		75	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.29		ug/L		83	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.55		ug/L		86	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.28		ug/L		83	75 - 110
Trichlorofluoromethane	1.0	U	10.0	7.01		ug/L		70	46 - 157
Chlorodibromomethane	1.0	U	10.0	8.77		ug/L		88	56 - 118
Methylcyclohexane	1.0	U	10.0	6.18		ug/L		62	49 - 127
m-Xylene & p-Xylene	2.0		20.0	16.9		ug/L		85	75 - 117
o-Xylene	1.0		10.0	8.56		ug/L		86	76 - 116

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-20 MS
Matrix: Water
Analysis Batch: 49302

Client Sample ID: GW-12616-062012-DN-20
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*
Toluene-d8 (Surr)	*99*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: 240-12614-20 MSD
Matrix: Water
Analysis Batch: 49302

Client Sample ID: GW-12616-062012-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	17.7		ug/L		89	33 - 145	2	30
Benzene	1.0	U	10.0	8.79		ug/L		88	72 - 121	1	30
Dichlorobromomethane	1.0	U	10.0	8.83		ug/L		88	67 - 120	1	30
Bromoform	1.0	U	10.0	8.97		ug/L		90	32 - 128	1	30
Bromomethane	1.0	U	10.0	9.48		ug/L		95	10 - 186	12	30
2-Butanone (MEK)	10	U	20.0	16.2		ug/L		81	54 - 129	2	30
Carbon disulfide	1.0	U	10.0	7.75		ug/L		78	57 - 147	0	30
Carbon tetrachloride	1.0	U	10.0	7.86		ug/L		79	59 - 129	5	30
Chlorobenzene	1.0	U	10.0	8.43		ug/L		84	80 - 110	4	30
Chloroethane	1.0	U	10.0	9.21		ug/L		92	21 - 165	8	30
Chloroform	1.0	U	10.0	8.71		ug/L		87	76 - 118	0	30
Chloromethane	1.0	U	10.0	8.34		ug/L		83	33 - 132	1	30
1,1-Dichloroethane	1.0	U	10.0	9.19		ug/L		92	79 - 116	1	30
1,2-Dichloroethane	1.0	U	10.0	9.04		ug/L		90	68 - 129	0	30
1,1-Dichloroethene	1.0	U	10.0	8.49		ug/L		85	74 - 135	1	30
1,2-Dichloropropane	1.0	U	10.0	9.12		ug/L		91	78 - 115	1	30
cis-1,3-Dichloropropene	1.0	U	10.0	7.93		ug/L		79	51 - 110	2	30
trans-1,3-Dichloropropene	1.0	U	10.0	7.85		ug/L		79	46 - 116	2	30
Ethylbenzene	1.0	U	10.0	7.95		ug/L		80	75 - 116	6	30
2-Hexanone	10	U	20.0	17.1		ug/L		86	47 - 139	2	30
Methylene Chloride	1.0	U	10.0	8.42		ug/L		84	63 - 128	1	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	16.7		ug/L		84	56 - 131	0	30
Styrene	1.0	U	10.0	8.61		ug/L		86	71 - 117	3	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.52		ug/L		85	63 - 122	3	30
Tetrachloroethene	1.0	U	10.0	7.50		ug/L		75	70 - 117	5	30
Toluene	1.0	U	10.0	8.42		ug/L		84	78 - 114	2	30
Trichloroethene	1.0	U	10.0	8.40		ug/L		84	66 - 120	2	30
Vinyl chloride	1.0	U	10.0	8.46		ug/L		85	49 - 130	6	30
Xylenes, Total	2.0	U	30.0	24.4		ug/L		81	76 - 116	4	30
1,1,1-Trichloroethane	1.0	U	10.0	8.21		ug/L		82	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	9.47		ug/L		95	75 - 115	1	30
Cyclohexane	1.0	U	10.0	6.47		ug/L		65	49 - 123	1	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.91		ug/L		69	32 - 139	7	30
Ethylene Dibromide	1.0	U	10.0	9.01		ug/L		90	74 - 113	2	30
Dichlorodifluoromethane	1.0	U	10.0	8.10		ug/L		81	17 - 128	4	30
cis-1,2-Dichloroethene	1.0	U	10.0	8.92		ug/L		89	70 - 120	2	30
trans-1,2-Dichloroethene	1.0	U	10.0	9.02		ug/L		90	80 - 119	2	30
Isopropylbenzene	1.0	U	10.0	7.81		ug/L		78	68 - 116	3	30
Methyl acetate	10	U	10.0	7.98	J	ug/L		80	47 - 130	6	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-20 MSD
Matrix: Water
Analysis Batch: 49302

Client Sample ID: GW-12616-062012-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	5.0	U	10.0	8.83		ug/L		88	46 - 144	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	7.77		ug/L		78	70 - 152	7	30
1,2,4-Trichlorobenzene	1.0	U	10.0	7.42		ug/L		74	38 - 138	1	30
1,2-Dichlorobenzene	1.0	U	10.0	8.03		ug/L		80	75 - 111	3	30
1,3-Dichlorobenzene	1.0	U	10.0	8.33		ug/L		83	73 - 110	3	30
1,4-Dichlorobenzene	1.0	U	10.0	8.06		ug/L		81	75 - 110	3	30
Trichlorofluoromethane	1.0	U	10.0	7.34		ug/L		73	46 - 157	5	30
Chlorodibromomethane	1.0	U	10.0	8.62		ug/L		86	56 - 118	2	30
Methylcyclohexane	1.0	U	10.0	5.91		ug/L		59	49 - 127	4	30
m-Xylene & p-Xylene	2.0		20.0	16.1		ug/L		81	75 - 117	5	30
o-Xylene	1.0		10.0	8.30		ug/L		83	76 - 116	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*
4-Bromofluorobenzene (Surr)	*102*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: MB 240-49465/5
Matrix: Water
Analysis Batch: 49465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			06/29/12 23:27	1
Benzene	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/29/12 23:27	1
Bromoform	1.0	U	1.0	0.64	ug/L			06/29/12 23:27	1
Bromomethane	1.0	U	1.0	0.41	ug/L			06/29/12 23:27	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			06/29/12 23:27	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 23:27	1
Chloroethane	1.0	U	1.0	0.29	ug/L			06/29/12 23:27	1
Chloroform	1.0	U	1.0	0.16	ug/L			06/29/12 23:27	1
Chloromethane	1.0	U	1.0	0.30	ug/L			06/29/12 23:27	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			06/29/12 23:27	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 23:27	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 23:27	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/29/12 23:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			06/29/12 23:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/29/12 23:27	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			06/29/12 23:27	1
2-Hexanone	10	U	10	0.41	ug/L			06/29/12 23:27	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			06/29/12 23:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			06/29/12 23:27	1
Styrene	1.0	U	1.0	0.11	ug/L			06/29/12 23:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			06/29/12 23:27	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			06/29/12 23:27	1
Toluene	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-49465/5
Matrix: Water
Analysis Batch: 49465

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 23:27	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			06/29/12 23:27	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			06/29/12 23:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			06/29/12 23:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			06/29/12 23:27	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			06/29/12 23:27	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			06/29/12 23:27	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			06/29/12 23:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/29/12 23:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			06/29/12 23:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			06/29/12 23:27	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1
Methyl acetate	10	U	10	0.38	ug/L			06/29/12 23:27	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			06/29/12 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			06/29/12 23:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			06/29/12 23:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			06/29/12 23:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			06/29/12 23:27	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			06/29/12 23:27	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			06/29/12 23:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*06/29/12 23:27*	*1*
4-Bromofluorobenzene (Surr)	*103*		*66 - 117*		*06/29/12 23:27*	*1*
Toluene-d8 (Surr)	*94*		*74 - 115*		*06/29/12 23:27*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 121*		*06/29/12 23:27*	*1*

Lab Sample ID: LCS 240-49465/4
Matrix: Water
Analysis Batch: 49465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	21.2		ug/L		106	43 - 136
Benzene	10.0	9.72		ug/L		97	83 - 112
Dichlorobromomethane	10.0	9.56		ug/L		96	72 - 121
Bromoform	10.0	9.83		ug/L		98	40 - 131
Bromomethane	10.0	10.8		ug/L		108	11 - 185
2-Butanone (MEK)	20.0	18.2		ug/L		91	60 - 126
Carbon disulfide	10.0	8.98		ug/L		90	62 - 142
Carbon tetrachloride	10.0	9.04		ug/L		90	66 - 128
Chlorobenzene	10.0	9.55		ug/L		96	85 - 110
Chloroethane	10.0	8.88		ug/L		89	25 - 153
Chloroform	10.0	9.49		ug/L		95	79 - 117
Chloromethane	10.0	9.56		ug/L		96	44 - 126
1,1-Dichloroethane	10.0	9.95		ug/L		100	82 - 115
1,2-Dichloroethane	10.0	9.62		ug/L		96	71 - 127
1,1-Dichloroethene	10.0	9.69		ug/L		97	78 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-49465/4
Matrix: Water
Analysis Batch: 49465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	9.68		ug/L		97	81 - 115
cis-1,3-Dichloropropene	10.0	8.96		ug/L		90	61 - 115
trans-1,3-Dichloropropene	10.0	8.84		ug/L		88	58 - 117
Ethylbenzene	10.0	8.94		ug/L		89	83 - 112
2-Hexanone	20.0	18.3		ug/L		92	55 - 133
Methylene Chloride	10.0	10.3		ug/L		103	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.3		ug/L		92	63 - 128
Styrene	10.0	9.78		ug/L		98	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.31		ug/L		93	68 - 118
Tetrachloroethene	10.0	8.95		ug/L		90	79 - 114
Toluene	10.0	9.28		ug/L		93	84 - 111
Trichloroethene	10.0	9.45		ug/L		95	76 - 117
Vinyl chloride	10.0	9.50		ug/L		95	53 - 127
Xylenes, Total	30.0	28.1		ug/L		94	83 - 112
1,1,1-Trichloroethane	10.0	8.94		ug/L		89	74 - 118
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 112
Cyclohexane	10.0	7.83		ug/L		78	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.52		ug/L		75	42 - 136
Ethylene Dibromide	10.0	9.42		ug/L		94	79 - 113
Dichlorodifluoromethane	10.0	8.99		ug/L		90	19 - 129
cis-1,2-Dichloroethene	10.0	9.69		ug/L		97	80 - 113
trans-1,2-Dichloroethene	10.0	9.76		ug/L		98	83 - 117
Isopropylbenzene	10.0	9.14		ug/L		91	75 - 114
Methyl acetate	10.0	10.7		ug/L		107	58 - 131
Methyl tert-butyl ether	10.0	9.73		ug/L		97	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.95		ug/L		90	74 - 151
1,2,4-Trichlorobenzene	10.0	8.65		ug/L		87	48 - 135
1,2-Dichlorobenzene	10.0	9.25		ug/L		93	81 - 110
1,3-Dichlorobenzene	10.0	9.45		ug/L		95	80 - 110
1,4-Dichlorobenzene	10.0	9.19		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	8.82		ug/L		88	49 - 157
Chlorodibromomethane	10.0	9.43		ug/L		94	64 - 119
Methylcyclohexane	10.0	7.54		ug/L		75	56 - 127
m-Xylene & p-Xylene	20.0	18.6		ug/L		93	83 - 113
o-Xylene	10.0	9.53		ug/L		95	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: 240-12614-40 MS
Matrix: Water
Analysis Batch: 49465

Client Sample ID: GW-12616-062212-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	2.4	J	20.0	19.5		ug/L		86	33 - 145
Benzene	1.0	U	10.0	9.00		ug/L		90	72 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-40 MS
Matrix: Water
Analysis Batch: 49465

Client Sample ID: GW-12616-062212-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	1.0	U	10.0	8.75		ug/L		88	67 - 120
Bromoform	1.0	U	10.0	8.75		ug/L		88	32 - 128
Bromomethane	1.0	U	10.0	8.66		ug/L		87	10 - 186
2-Butanone (MEK)	10	U	20.0	10	U F	ug/L		0	54 - 129
Carbon disulfide	1.0	U	10.0	8.32		ug/L		83	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.73		ug/L		87	59 - 129
Chlorobenzene	1.0	U	10.0	8.57		ug/L		86	80 - 110
Chloroethane	1.0	U	10.0	7.84		ug/L		78	21 - 165
Chloroform	1.0	U	10.0	8.57		ug/L		86	76 - 118
Chloromethane	1.0	U	10.0	9.13		ug/L		91	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.04		ug/L		90	79 - 116
1,2-Dichloroethane	1.0	U	10.0	8.81		ug/L		88	68 - 129
1,1-Dichloroethene	1.0	U	10.0	4.12	F	ug/L		41	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.03		ug/L		90	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	7.60		ug/L		76	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	7.73		ug/L		77	46 - 116
Ethylbenzene	1.0	U	10.0	8.31		ug/L		83	75 - 116
2-Hexanone	10	U	20.0	16.7		ug/L		84	47 - 139
Methylene Chloride	1.0	U	10.0	7.99		ug/L		80	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	16.6		ug/L		83	56 - 131
Styrene	1.0	U	10.0	8.68		ug/L		87	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.28		ug/L		83	63 - 122
Tetrachloroethene	1.0	U	10.0	8.62		ug/L		86	70 - 117
Toluene	1.0	U	10.0	8.50		ug/L		85	78 - 114
Trichloroethene	1.0	U	10.0	8.90		ug/L		89	66 - 120
Vinyl chloride	4.7		10.0	13.5		ug/L		88	49 - 130
Xylenes, Total	2.0	U	30.0	25.5		ug/L		85	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	8.47		ug/L		85	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	8.92		ug/L		89	75 - 115
Cyclohexane	1.0	U	10.0	8.46		ug/L		85	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.79		ug/L		68	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.68		ug/L		87	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	12.0		ug/L		120	17 - 128
cis-1,2-Dichloroethene	5.4		10.0	14.2		ug/L		88	70 - 120
trans-1,2-Dichloroethene	0.42	J	10.0	9.39		ug/L		90	80 - 119
Isopropylbenzene	1.0	U	10.0	8.23		ug/L		82	68 - 116
Methyl acetate	10	U	10.0	7.95	J	ug/L		80	47 - 130
Methyl tert-butyl ether	5.0	U	10.0	8.64		ug/L		86	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.5		ug/L		105	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.17		ug/L		72	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.38		ug/L		84	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.47		ug/L		85	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.29		ug/L		83	75 - 110
Trichlorofluoromethane	1.0	U	10.0	8.53		ug/L		85	46 - 157
Chlorodibromomethane	1.0	U	10.0	8.37		ug/L		84	56 - 118
Methylcyclohexane	1.0	U	10.0	8.22		ug/L		82	49 - 127
m-Xylene & p-Xylene	2.0		20.0	16.8		ug/L		84	75 - 117
o-Xylene	1.0		10.0	8.67		ug/L		87	76 - 116

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-40 MS
Matrix: Water
Analysis Batch: 49465

Client Sample ID: GW-12616-062212-DN-40
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*99*		*75 - 121*

Lab Sample ID: 240-12614-40 MSD
Matrix: Water
Analysis Batch: 49465

Client Sample ID: GW-12616-062212-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	2.4	J	20.0	20.4		ug/L		90	33 - 145	5	30
Benzene	1.0	U	10.0	9.00		ug/L		90	72 - 121	0	30
Dichlorobromomethane	1.0	U	10.0	8.81		ug/L		88	67 - 120	1	30
Bromoform	1.0	U	10.0	8.49		ug/L		85	32 - 128	3	30
Bromomethane	1.0	U	10.0	10.9		ug/L		109	10 - 186	23	30
2-Butanone (MEK)	10	U	20.0	10	U F	ug/L		0	54 - 129	NC	30
Carbon disulfide	1.0	U	10.0	8.94		ug/L		89	57 - 147	7	30
Carbon tetrachloride	1.0	U	10.0	9.02		ug/L		90	59 - 129	3	30
Chlorobenzene	1.0	U	10.0	8.79		ug/L		88	80 - 110	3	30
Chloroethane	1.0	U	10.0	9.60		ug/L		96	21 - 165	20	30
Chloroform	1.0	U	10.0	8.74		ug/L		87	76 - 118	2	30
Chloromethane	1.0	U	10.0	9.21		ug/L		92	33 - 132	1	30
1,1-Dichloroethane	1.0	U	10.0	9.00		ug/L		90	79 - 116	0	30
1,2-Dichloroethane	1.0	U	10.0	8.75		ug/L		88	68 - 129	1	30
1,1-Dichloroethene	1.0	U	10.0	4.38	F	ug/L		44	74 - 135	6	30
1,2-Dichloropropane	1.0	U	10.0	8.88		ug/L		89	78 - 115	2	30
cis-1,3-Dichloropropene	1.0	U	10.0	7.92		ug/L		79	51 - 110	4	30
trans-1,3-Dichloropropene	1.0	U	10.0	8.05		ug/L		81	46 - 116	4	30
Ethylbenzene	1.0	U	10.0	8.57		ug/L		86	75 - 116	3	30
2-Hexanone	10	U	20.0	17.0		ug/L		85	47 - 139	2	30
Methylene Chloride	1.0	U	10.0	8.06		ug/L		81	63 - 128	1	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	16.9		ug/L		85	56 - 131	2	30
Styrene	1.0	U	10.0	8.95		ug/L		90	71 - 117	3	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.57		ug/L		86	63 - 122	3	30
Tetrachloroethene	1.0	U	10.0	8.64		ug/L		86	70 - 117	0	30
Toluene	1.0	U	10.0	8.68		ug/L		87	78 - 114	2	30
Trichloroethene	1.0	U	10.0	9.21		ug/L		92	66 - 120	3	30
Vinyl chloride	4.7		10.0	14.7		ug/L		100	49 - 130	9	30
Xylenes, Total	2.0	U	30.0	26.0		ug/L		87	76 - 116	2	30
1,1,1-Trichloroethane	1.0	U	10.0	8.66		ug/L		87	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	9.13		ug/L		91	75 - 115	2	30
Cyclohexane	1.0	U	10.0	8.62		ug/L		86	49 - 123	2	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.79		ug/L		68	32 - 139	0	30
Ethylene Dibromide	1.0	U	10.0	8.81		ug/L		88	74 - 113	1	30
Dichlorodifluoromethane	1.0	U	10.0	11.5		ug/L		115	17 - 128	4	30
cis-1,2-Dichloroethene	5.4		10.0	14.5		ug/L		91	70 - 120	2	30
trans-1,2-Dichloroethene	0.42	J	10.0	9.67		ug/L		92	80 - 119	3	30
Isopropylbenzene	1.0	U	10.0	8.32		ug/L		83	68 - 116	1	30
Methyl acetate	10	U	10.0	8.02	J	ug/L		80	47 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-40 MSD
Matrix: Water
Analysis Batch: 49465

Client Sample ID: GW-12616-062212-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	5.0	U	10.0	8.66		ug/L		87	46 - 144	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	11.4		ug/L		114	70 - 152	8	30
1,2,4-Trichlorobenzene	1.0	U	10.0	8.03		ug/L		80	38 - 138	11	30
1,2-Dichlorobenzene	1.0	U	10.0	9.02		ug/L		90	75 - 111	7	30
1,3-Dichlorobenzene	1.0	U	10.0	8.79		ug/L		88	73 - 110	4	30
1,4-Dichlorobenzene	1.0	U	10.0	8.69		ug/L		87	75 - 110	5	30
Trichlorofluoromethane	1.0	U	10.0	9.48		ug/L		95	46 - 157	11	30
Chlorodibromomethane	1.0	U	10.0	8.51		ug/L		85	56 - 118	2	30
Methylcyclohexane	1.0	U	10.0	8.34		ug/L		83	49 - 127	1	30
m-Xylene & p-Xylene	2.0		20.0	17.2		ug/L		86	75 - 117	2	30
o-Xylene	1.0		10.0	8.79		ug/L		88	76 - 116	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 129*
4-Bromofluorobenzene (Surr)	*104*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: MB 240-49603/5
Matrix: Water
Analysis Batch: 49603

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/02/12 13:15	1
Benzene	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/02/12 13:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/02/12 13:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/02/12 13:15	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/02/12 13:15	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/02/12 13:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/02/12 13:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/02/12 13:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/02/12 13:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/02/12 13:15	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/02/12 13:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/02/12 13:15	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/02/12 13:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/02/12 13:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/02/12 13:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/02/12 13:15	1
2-Hexanone	10	U	10	0.41	ug/L			07/02/12 13:15	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/02/12 13:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/02/12 13:15	1
Styrene	1.0	U	1.0	0.11	ug/L			07/02/12 13:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/02/12 13:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/02/12 13:15	1
Toluene	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-49603/5
Matrix: Water
Analysis Batch: 49603

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/02/12 13:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/02/12 13:15	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/02/12 13:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/02/12 13:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/02/12 13:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/02/12 13:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/02/12 13:15	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/02/12 13:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/02/12 13:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/02/12 13:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/02/12 13:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1
Methyl acetate	10	U	10	0.38	ug/L			07/02/12 13:15	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			07/02/12 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/02/12 13:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/02/12 13:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/02/12 13:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/02/12 13:15	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/02/12 13:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/02/12 13:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*07/02/12 13:15*	*1*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*		*07/02/12 13:15*	*1*
Toluene-d8 (Surr)	*97*		*74 - 115*		*07/02/12 13:15*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*07/02/12 13:15*	*1*

Lab Sample ID: LCS 240-49603/4
Matrix: Water
Analysis Batch: 49603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.9		ug/L		100	43 - 136
Benzene	10.0	9.96		ug/L		100	83 - 112
Dichlorobromomethane	10.0	9.89		ug/L		99	72 - 121
Bromoform	10.0	10.5		ug/L		105	40 - 131
Bromomethane	10.0	10.7		ug/L		107	11 - 185
2-Butanone (MEK)	20.0	18.7		ug/L		94	60 - 126
Carbon disulfide	10.0	6.24		ug/L		62	62 - 142
Carbon tetrachloride	10.0	9.42		ug/L		94	66 - 128
Chlorobenzene	10.0	10.0		ug/L		100	85 - 110
Chloroethane	10.0	8.90		ug/L		89	25 - 153
Chloroform	10.0	9.49		ug/L		95	79 - 117
Chloromethane	10.0	9.55		ug/L		96	44 - 126
1,1-Dichloroethane	10.0	10.1		ug/L		101	82 - 115
1,2-Dichloroethane	10.0	9.95		ug/L		100	71 - 127
1,1-Dichloroethene	10.0	9.76		ug/L		98	78 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-49603/4
Matrix: Water
Analysis Batch: 49603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	9.97		ug/L		100	81 - 115
cis-1,3-Dichloropropene	10.0	9.66		ug/L		97	61 - 115
trans-1,3-Dichloropropene	10.0	9.73		ug/L		97	58 - 117
Ethylbenzene	10.0	9.63		ug/L		96	83 - 112
2-Hexanone	20.0	19.4		ug/L		97	55 - 133
Methylene Chloride	10.0	9.66		ug/L		97	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.9		ug/L		95	63 - 128
Styrene	10.0	10.2		ug/L		102	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.72		ug/L		97	68 - 118
Tetrachloroethene	10.0	9.82		ug/L		98	79 - 114
Toluene	10.0	9.45		ug/L		95	84 - 111
Trichloroethene	10.0	10.1		ug/L		101	76 - 117
Vinyl chloride	10.0	9.09		ug/L		91	53 - 127
Xylenes, Total	30.0	29.7		ug/L		99	83 - 112
1,1,1-Trichloroethane	10.0	9.33		ug/L		93	74 - 118
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 112
Cyclohexane	10.0	8.34		ug/L		83	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.13		ug/L		81	42 - 136
Ethylene Dibromide	10.0	9.76		ug/L		98	79 - 113
Dichlorodifluoromethane	10.0	8.87		ug/L		89	19 - 129
cis-1,2-Dichloroethene	10.0	9.64		ug/L		96	80 - 113
trans-1,2-Dichloroethene	10.0	9.91		ug/L		99	83 - 117
Isopropylbenzene	10.0	9.92		ug/L		99	75 - 114
Methyl acetate	10.0	11.1		ug/L		111	58 - 131
Methyl tert-butyl ether	10.0	9.69		ug/L		97	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.21		ug/L		92	74 - 151
1,2,4-Trichlorobenzene	10.0	9.00		ug/L		90	48 - 135
1,2-Dichlorobenzene	10.0	9.38		ug/L		94	81 - 110
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	80 - 110
1,4-Dichlorobenzene	10.0	9.52		ug/L		95	82 - 110
Trichlorofluoromethane	10.0	7.44		ug/L		74	49 - 157
Chlorodibromomethane	10.0	9.97		ug/L		100	64 - 119
Methylcyclohexane	10.0	8.12		ug/L		81	56 - 127
m-Xylene & p-Xylene	20.0	19.6		ug/L		98	83 - 113
o-Xylene	10.0	10.1		ug/L		101	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 129*
4-Bromofluorobenzene (Surr)	*107*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

Lab Sample ID: 240-12614-25 MS
Matrix: Water
Analysis Batch: 49603

Client Sample ID: GW-12616-062112-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	200	U	400	344		ug/L		86	33 - 145
Benzene	20	U	200	195		ug/L		97	72 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-25 MS
Matrix: Water
Analysis Batch: 49603

Client Sample ID: GW-12616-062112-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	20	U	200	192		ug/L		96	67 - 120
Bromoform	20	U	200	202		ug/L		101	32 - 128
Bromomethane	20	U	200	200		ug/L		100	10 - 186
2-Butanone (MEK)	200	U	400	376		ug/L		94	54 - 129
Carbon disulfide	20	U	200	180		ug/L		90	57 - 147
Carbon tetrachloride	20	U	200	186		ug/L		93	59 - 129
Chlorobenzene	20	U	200	189		ug/L		94	80 - 110
Chloroethane	20	U	200	169		ug/L		85	21 - 165
Chloroform	20	U	200	191		ug/L		96	76 - 118
Chloromethane	20	U	200	181		ug/L		91	33 - 132
1,1-Dichloroethane	20	U	200	198		ug/L		99	79 - 116
1,2-Dichloroethane	20	U	200	196		ug/L		98	68 - 129
1,1-Dichloroethene	20	U	200	199		ug/L		100	74 - 135
1,2-Dichloropropane	20	U	200	195		ug/L		97	78 - 115
cis-1,3-Dichloropropene	20	U	200	180		ug/L		90	51 - 110
trans-1,3-Dichloropropene	20	U	200	181		ug/L		90	46 - 116
Ethylbenzene	20	U	200	186		ug/L		93	75 - 116
2-Hexanone	200	U	400	370		ug/L		93	47 - 139
Methylene Chloride	20	U	200	196		ug/L		98	63 - 128
4-Methyl-2-pentanone (MIBK)	200	U	400	372		ug/L		93	56 - 131
Styrene	20	U	200	195		ug/L		98	71 - 117
1,1,2,2-Tetrachloroethane	20	U	200	192		ug/L		96	63 - 122
Tetrachloroethene	20	U	200	180		ug/L		90	70 - 117
Toluene	20	U	200	187		ug/L		93	78 - 114
Trichloroethene	410		200	630		ug/L		108	66 - 120
Vinyl chloride	57		200	250		ug/L		97	49 - 130
Xylenes, Total	40	U	600	560		ug/L		93	76 - 116
1,1,1-Trichloroethane	20	U	200	183		ug/L		92	68 - 121
1,1,2-Trichloroethane	20	U	200	202		ug/L		101	75 - 115
Cyclohexane	20	U	200	156		ug/L		78	49 - 123
1,2-Dibromo-3-Chloropropane	40	U	200	158		ug/L		79	32 - 139
Ethylene Dibromide	20	U	200	193		ug/L		97	74 - 113
Dichlorodifluoromethane	20	U	200	167		ug/L		83	17 - 128
cis-1,2-Dichloroethene	370		200	590		ug/L		108	70 - 120
trans-1,2-Dichloroethene	160		200	364		ug/L		104	80 - 119
Isopropylbenzene	20	U	200	182		ug/L		91	68 - 116
Methyl acetate	200	U	200	210		ug/L		105	47 - 130
Methyl tert-butyl ether	100	U	200	192		ug/L		96	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	200	181		ug/L		90	70 - 152
1,2,4-Trichlorobenzene	20	U	200	170		ug/L		85	38 - 138
1,2-Dichlorobenzene	20	U	200	183		ug/L		92	75 - 111
1,3-Dichlorobenzene	20	U	200	189		ug/L		95	73 - 110
1,4-Dichlorobenzene	20	U	200	185		ug/L		92	75 - 110
Trichlorofluoromethane	20	U	200	161		ug/L		80	46 - 157
Chlorodibromomethane	20	U	200	189		ug/L		95	56 - 118
Methylcyclohexane	20	U	200	154		ug/L		77	49 - 127
m-Xylene & p-Xylene	40		400	370		ug/L		93	75 - 117
o-Xylene	20		200	190		ug/L		95	76 - 116

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-25 MS
Matrix: Water
Analysis Batch: 49603

Client Sample ID: GW-12616-062112-DN-25
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: 240-12614-25 MSD
Matrix: Water
Analysis Batch: 49603

Client Sample ID: GW-12616-062112-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	200	U	400	376		ug/L		94	33 - 145	9	30
Benzene	20	U	200	194		ug/L		97	72 - 121	0	30
Dichlorobromomethane	20	U	200	193		ug/L		97	67 - 120	1	30
Bromoform	20	U	200	202		ug/L		101	32 - 128	0	30
Bromomethane	20	U	200	198		ug/L		99	10 - 186	1	30
2-Butanone (MEK)	200	U	400	368		ug/L		92	54 - 129	2	30
Carbon disulfide	20	U	200	178		ug/L		89	57 - 147	1	30
Carbon tetrachloride	20	U	200	182		ug/L		91	59 - 129	3	30
Chlorobenzene	20	U	200	193		ug/L		97	80 - 110	2	30
Chloroethane	20	U	200	156		ug/L		78	21 - 165	8	30
Chloroform	20	U	200	186		ug/L		93	76 - 118	3	30
Chloromethane	20	U	200	180		ug/L		90	33 - 132	1	30
1,1-Dichloroethane	20	U	200	198		ug/L		99	79 - 116	0	30
1,2-Dichloroethane	20	U	200	195		ug/L		98	68 - 129	0	30
1,1-Dichloroethene	20	U	200	188		ug/L		94	74 - 135	5	30
1,2-Dichloropropane	20	U	200	197		ug/L		98	78 - 115	1	30
cis-1,3-Dichloropropene	20	U	200	180		ug/L		90	51 - 110	0	30
trans-1,3-Dichloropropene	20	U	200	181		ug/L		91	46 - 116	0	30
Ethylbenzene	20	U	200	190		ug/L		95	75 - 116	2	30
2-Hexanone	200	U	400	366		ug/L		92	47 - 139	1	30
Methylene Chloride	20	U	200	202		ug/L		101	63 - 128	3	30
4-Methyl-2-pentanone (MIBK)	200	U	400	368		ug/L		92	56 - 131	1	30
Styrene	20	U	200	200		ug/L		100	71 - 117	3	30
1,1,2,2-Tetrachloroethane	20	U	200	189		ug/L		95	63 - 122	1	30
Tetrachloroethene	20	U	200	183		ug/L		92	70 - 117	2	30
Toluene	20	U	200	189		ug/L		94	78 - 114	1	30
Trichloroethene	410		200	636		ug/L		111	66 - 120	1	30
Vinyl chloride	57		200	240		ug/L		92	49 - 130	4	30
Xylenes, Total	40	U	600	577		ug/L		96	76 - 116	3	30
1,1,1-Trichloroethane	20	U	200	183		ug/L		92	68 - 121	0	30
1,1,2-Trichloroethane	20	U	200	199		ug/L		99	75 - 115	2	30
Cyclohexane	20	U	200	162		ug/L		81	49 - 123	4	30
1,2-Dibromo-3-Chloropropane	40	U	200	161		ug/L		81	32 - 139	2	30
Ethylene Dibromide	20	U	200	190		ug/L		95	74 - 113	2	30
Dichlorodifluoromethane	20	U	200	163		ug/L		82	17 - 128	2	30
cis-1,2-Dichloroethene	370		200	586		ug/L		106	70 - 120	1	30
trans-1,2-Dichloroethene	160		200	366		ug/L		105	80 - 119	1	30
Isopropylbenzene	20	U	200	192		ug/L		96	68 - 116	5	30
Methyl acetate	200	U	200	212		ug/L		106	47 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-12614-25 MSD
Matrix: Water
Analysis Batch: 49603

Client Sample ID: GW-12616-062112-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	100	U	200	193		ug/L		96	46 - 144	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	200	171		ug/L		85	70 - 152	6	30
1,2,4-Trichlorobenzene	20	U	200	176		ug/L		88	38 - 138	3	30
1,2-Dichlorobenzene	20	U	200	183		ug/L		91	75 - 111	0	30
1,3-Dichlorobenzene	20	U	200	187		ug/L		93	73 - 110	1	30
1,4-Dichlorobenzene	20	U	200	184		ug/L		92	75 - 110	0	30
Trichlorofluoromethane	20	U	200	125		ug/L		63	46 - 157	25	30
Chlorodibromomethane	20	U	200	189		ug/L		95	56 - 118	0	30
Methylcyclohexane	20	U	200	160		ug/L		80	49 - 127	4	30
m-Xylene & p-Xylene	40		400	380		ug/L		95	75 - 117	3	30
o-Xylene	20		200	197		ug/L		98	76 - 116	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

Lab Sample ID: MB 240-49715/5
Matrix: Water
Analysis Batch: 49715

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/03/12 13:24	1
Benzene	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/03/12 13:24	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/03/12 13:24	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/03/12 13:24	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/03/12 13:24	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/03/12 13:24	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/03/12 13:24	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/03/12 13:24	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/03/12 13:24	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/03/12 13:24	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/03/12 13:24	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/03/12 13:24	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/03/12 13:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/03/12 13:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/03/12 13:24	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/03/12 13:24	1
2-Hexanone	10	U	10	0.41	ug/L			07/03/12 13:24	1
Methylene Chloride	0.655	J	1.0	0.33	ug/L			07/03/12 13:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/03/12 13:24	1
Styrene	1.0	U	1.0	0.11	ug/L			07/03/12 13:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/03/12 13:24	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/03/12 13:24	1
Toluene	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-49715/5
Matrix: Water
Analysis Batch: 49715

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/03/12 13:24	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/03/12 13:24	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/03/12 13:24	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/03/12 13:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/03/12 13:24	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/03/12 13:24	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/03/12 13:24	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/03/12 13:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/03/12 13:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/03/12 13:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/03/12 13:24	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1
Methyl acetate	10	U	10	0.38	ug/L			07/03/12 13:24	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			07/03/12 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/03/12 13:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/03/12 13:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/03/12 13:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/03/12 13:24	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/03/12 13:24	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/03/12 13:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 129*		*07/03/12 13:24*	*1*
4-Bromofluorobenzene (Surr)	*106*		*66 - 117*		*07/03/12 13:24*	*1*
Toluene-d8 (Surr)	*98*		*74 - 115*		*07/03/12 13:24*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*07/03/12 13:24*	*1*

Lab Sample ID: LCS 240-49715/4
Matrix: Water
Analysis Batch: 49715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.5		ug/L		93	43 - 136
Benzene	10.0	9.53		ug/L		95	83 - 112
Dichlorobromomethane	10.0	9.36		ug/L		94	72 - 121
Bromoform	10.0	10.1		ug/L		101	40 - 131
Bromomethane	10.0	9.05		ug/L		91	11 - 185
2-Butanone (MEK)	20.0	19.1		ug/L		96	60 - 126
Carbon disulfide	10.0	8.55		ug/L		86	62 - 142
Carbon tetrachloride	10.0	9.56		ug/L		96	66 - 128
Chlorobenzene	10.0	9.39		ug/L		94	85 - 110
Chloroethane	10.0	6.77		ug/L		68	25 - 153
Chloroform	10.0	9.18		ug/L		92	79 - 117
Chloromethane	10.0	8.50		ug/L		85	44 - 126
1,1-Dichloroethane	10.0	9.62		ug/L		96	82 - 115
1,2-Dichloroethane	10.0	9.25		ug/L		93	71 - 127
1,1-Dichloroethene	10.0	9.46		ug/L		95	78 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-49715/4
Matrix: Water
Analysis Batch: 49715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	9.39		ug/L		94	81 - 115
cis-1,3-Dichloropropene	10.0	8.89		ug/L		89	61 - 115
trans-1,3-Dichloropropene	10.0	8.99		ug/L		90	58 - 117
Ethylbenzene	10.0	9.20		ug/L		92	83 - 112
2-Hexanone	20.0	19.0		ug/L		95	55 - 133
Methylene Chloride	10.0	9.86		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.8		ug/L		94	63 - 128
Styrene	10.0	9.63		ug/L		96	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.71		ug/L		97	68 - 118
Tetrachloroethene	10.0	9.38		ug/L		94	79 - 114
Toluene	10.0	9.09		ug/L		91	84 - 111
Trichloroethene	10.0	9.52		ug/L		95	76 - 117
Vinyl chloride	10.0	8.46		ug/L		85	53 - 127
Xylenes, Total	30.0	27.9		ug/L		93	83 - 112
1,1,1-Trichloroethane	10.0	9.15		ug/L		92	74 - 118
1,1,2-Trichloroethane	10.0	9.78		ug/L		98	80 - 112
Cyclohexane	10.0	9.51		ug/L		95	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.16		ug/L		82	42 - 136
Ethylene Dibromide	10.0	9.31		ug/L		93	79 - 113
Dichlorodifluoromethane	10.0	9.96		ug/L		100	19 - 129
cis-1,2-Dichloroethene	10.0	9.48		ug/L		95	80 - 113
trans-1,2-Dichloroethene	10.0	9.48		ug/L		95	83 - 117
Isopropylbenzene	10.0	9.36		ug/L		94	75 - 114
Methyl acetate	10.0	10.8		ug/L		108	58 - 131
Methyl tert-butyl ether	10.0	9.52		ug/L		95	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.3		ug/L		103	74 - 151
1,2,4-Trichlorobenzene	10.0	8.81		ug/L		88	48 - 135
1,2-Dichlorobenzene	10.0	9.14		ug/L		91	81 - 110
1,3-Dichlorobenzene	10.0	9.52		ug/L		95	80 - 110
1,4-Dichlorobenzene	10.0	9.34		ug/L		93	82 - 110
Trichlorofluoromethane	10.0	9.69		ug/L		97	49 - 157
Chlorodibromomethane	10.0	9.25		ug/L		93	64 - 119
Methylcyclohexane	10.0	9.75		ug/L		98	56 - 127
m-Xylene & p-Xylene	20.0	18.5		ug/L		93	83 - 113
o-Xylene	10.0	9.40		ug/L		94	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 129*
4-Bromofluorobenzene (Surr)	*106*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

GC/MS VOA

Analysis Batch: 49241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-12614-41	TB-062212-001	Total/NA	Water	8260B	
LCS 240-49241/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-49241/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 49302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-12614-1	GW-12616-061812-DN-01	Total/NA	Water	8260B	
240-12614-2	GW-12616-061812-DN-02	Total/NA	Water	8260B	
240-12614-3	GW-12616-061812-DN-03	Total/NA	Water	8260B	
240-12614-4	GW-12616-061812-DN-04	Total/NA	Water	8260B	
240-12614-5	GW-12616-061812-DN-05	Total/NA	Water	8260B	
240-12614-6	GW-12616-061812-DN-06	Total/NA	Water	8260B	
240-12614-7	GW-12616-061812-DN-07	Total/NA	Water	8260B	
240-12614-8	GW-12616-061812-DN-08	Total/NA	Water	8260B	
240-12614-9	GW-12616-061812-DN-09	Total/NA	Water	8260B	
240-12614-10	GW-12616-061912-DN-10	Total/NA	Water	8260B	
240-12614-11	GW-12616-061912-DN-11	Total/NA	Water	8260B	
240-12614-12	GW-12616-061912-DN-12	Total/NA	Water	8260B	
240-12614-13	GW-12616-061912-DN-13	Total/NA	Water	8260B	
240-12614-14	GW-12616-061912-DN-14	Total/NA	Water	8260B	
240-12614-15	GW-12616-061912-DN-15	Total/NA	Water	8260B	
240-12614-16	GW-12616-061912-DN-16	Total/NA	Water	8260B	
240-12614-17	GW-12616-062012-DN-17	Total/NA	Water	8260B	
240-12614-18	GW-12616-062012-DN-18	Total/NA	Water	8260B	
240-12614-19	GW-12616-062012-DN-19	Total/NA	Water	8260B	
240-12614-20	GW-12616-062012-DN-20	Total/NA	Water	8260B	
240-12614-20 MS	GW-12616-062012-DN-20	Total/NA	Water	8260B	
240-12614-20 MSD	GW-12616-062012-DN-20	Total/NA	Water	8260B	
LCS 240-49302/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-49302/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 49465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-12614-21	GW-12616-062012-DN-21	Total/NA	Water	8260B	
240-12614-22	GW-12616-062012-DN-22	Total/NA	Water	8260B	
240-12614-23	GW-12616-062012-DN-23	Total/NA	Water	8260B	
240-12614-24	GW-12616-062012-DN-24	Total/NA	Water	8260B	
240-12614-26	GW-12616-062112-DN-26	Total/NA	Water	8260B	
240-12614-27	GW-12616-062112-DN-27	Total/NA	Water	8260B	
240-12614-28	GW-12616-062112-DN-28	Total/NA	Water	8260B	
240-12614-29	GW-12616-062112-DN-29	Total/NA	Water	8260B	
240-12614-30	GW-12616-062112-DN-30	Total/NA	Water	8260B	
240-12614-31	GW-12616-062112-DN-31	Total/NA	Water	8260B	
240-12614-32	GW-12616-062112-DN-32	Total/NA	Water	8260B	
240-12614-34	GW-12616-062212-DN-33	Total/NA	Water	8260B	
240-12614-35	GW-12616-062212-DN-35	Total/NA	Water	8260B	
240-12614-36	GW-12616-062212-DN-36	Total/NA	Water	8260B	
240-12614-37	GW-12616-062212-DN-37	Total/NA	Water	8260B	
240-12614-38	GW-12616-062212-DN-38	Total/NA	Water	8260B	
240-12614-40	GW-12616-062212-DN-40	Total/NA	Water	8260B	
240-12614-40 MS	GW-12616-062212-DN-40	Total/NA	Water	8260B	
240-12614-40 MSD	GW-12616-062212-DN-40	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 49465 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-49465/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-49465/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 49603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-12614-25	GW-12616-062112-DN-25	Total/NA	Water	8260B	
240-12614-25 MS	GW-12616-062112-DN-25	Total/NA	Water	8260B	
240-12614-25 MSD	GW-12616-062112-DN-25	Total/NA	Water	8260B	
LCS 240-49603/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-49603/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 49715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-12614-33	GW-12616-062112-DN-34	Total/NA	Water	8260B	
240-12614-39	RB-12616-062212-DN-39	Total/NA	Water	8260B	
LCS 240-49715/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-49715/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: GW-12616-061812-DN-01 — Lab Sample ID: 240-12614-1

Date Collected: 06/18/12 07:50 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 00:28	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-02 — Lab Sample ID: 240-12614-2

Date Collected: 06/18/12 09:10 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 00:51	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-03 — Lab Sample ID: 240-12614-3

Date Collected: 06/18/12 11:00 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 01:13	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-04 — Lab Sample ID: 240-12614-4

Date Collected: 06/18/12 12:30 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 01:36	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-05 — Lab Sample ID: 240-12614-5

Date Collected: 06/18/12 13:25 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 01:57	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-06 — Lab Sample ID: 240-12614-6

Date Collected: 06/18/12 15:25 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 02:19	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-07 — Lab Sample ID: 240-12614-7

Date Collected: 06/18/12 16:20 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 02:42	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-08 — **Lab Sample ID: 240-12614-8**
Date Collected: 06/18/12 17:45 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 03:05	LE	TAL NC

Client Sample ID: GW-12616-061812-DN-09 — **Lab Sample ID: 240-12614-9**
Date Collected: 06/18/12 18:50 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 03:26	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-10 — **Lab Sample ID: 240-12614-10**
Date Collected: 06/19/12 11:05 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 03:49	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-11 — **Lab Sample ID: 240-12614-11**
Date Collected: 06/19/12 12:40 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 04:11	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-12 — **Lab Sample ID: 240-12614-12**
Date Collected: 06/19/12 13:30 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 04:34	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-13 — **Lab Sample ID: 240-12614-13**
Date Collected: 06/19/12 14:35 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 04:57	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-14 — **Lab Sample ID: 240-12614-14**
Date Collected: 06/19/12 15:55 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 05:19	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-15 — **Lab Sample ID: 240-12614-15**
Date Collected: 06/19/12 17:20 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 05:42	LE	TAL NC

Client Sample ID: GW-12616-061912-DN-16 — **Lab Sample ID: 240-12614-16**
Date Collected: 06/19/12 18:10 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 06:04	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-17 — **Lab Sample ID: 240-12614-17**
Date Collected: 06/20/12 10:50 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 06:27	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-18 — **Lab Sample ID: 240-12614-18**
Date Collected: 06/20/12 11:55 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 06:50	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-19 — **Lab Sample ID: 240-12614-19**
Date Collected: 06/20/12 13:50 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 07:13	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-20 — **Lab Sample ID: 240-12614-20**
Date Collected: 06/20/12 14:50 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49302	06/29/12 07:34	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-21 — **Lab Sample ID: 240-12614-21**
Date Collected: 06/20/12 15:45 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 00:57	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-22 — **Lab Sample ID: 240-12614-22**
Date Collected: 06/20/12 17:10 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 01:20	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-23 — **Lab Sample ID: 240-12614-23**
Date Collected: 06/20/12 18:15 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 01:43	LE	TAL NC

Client Sample ID: GW-12616-062012-DN-24 — **Lab Sample ID: 240-12614-24**
Date Collected: 06/20/12 19:10 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 02:05	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-25 — **Lab Sample ID: 240-12614-25**
Date Collected: 06/21/12 06:55 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	49603	07/02/12 20:54	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-26 — **Lab Sample ID: 240-12614-26**
Date Collected: 06/21/12 08:10 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 02:28	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-27 — **Lab Sample ID: 240-12614-27**
Date Collected: 06/21/12 09:35 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 02:50	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-28 — **Lab Sample ID: 240-12614-28**
Date Collected: 06/21/12 10:30 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 03:13	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-29 — **Lab Sample ID: 240-12614-29**
Date Collected: 06/21/12 12:40 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 03:35	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-30 — **Lab Sample ID: 240-12614-30**
Date Collected: 06/21/12 13:55 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 03:58	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-31 — **Lab Sample ID: 240-12614-31**
Date Collected: 06/21/12 14:30 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 04:20	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-32 — **Lab Sample ID: 240-12614-32**
Date Collected: 06/21/12 15:05 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 04:43	LE	TAL NC

Client Sample ID: GW-12616-062112-DN-34 — **Lab Sample ID: 240-12614-33**
Date Collected: 06/21/12 16:20 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	49715	07/03/12 20:37	LE	TAL NC

Client Sample ID: GW-12616-062212-DN-33 — **Lab Sample ID: 240-12614-34**
Date Collected: 06/22/12 07:30 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 05:05	LE	TAL NC

Client Sample ID: GW-12616-062212-DN-35 — **Lab Sample ID: 240-12614-35**
Date Collected: 06/22/12 10:20 — **Matrix: Water**
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 05:28	LE	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Client Sample ID: GW-12616-062212-DN-36
Lab Sample ID: 240-12614-36

Date Collected: 06/22/12 11:30
Matrix: Water
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 05:50	LE	TAL NC

Client Sample ID: GW-12616-062212-DN-37
Lab Sample ID: 240-12614-37

Date Collected: 06/22/12 13:10
Matrix: Water
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 06:13	LE	TAL NC

Client Sample ID: GW-12616-062212-DN-38
Lab Sample ID: 240-12614-38

Date Collected: 06/22/12 14:20
Matrix: Water
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 06:36	LE	TAL NC

Client Sample ID: RB-12616-062212-DN-39
Lab Sample ID: 240-12614-39

Date Collected: 06/22/12 14:50
Matrix: Water
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	49715	07/03/12 20:59	LE	TAL NC

Client Sample ID: GW-12616-062212-DN-40
Lab Sample ID: 240-12614-40

Date Collected: 06/22/12 09:05
Matrix: Water
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49465	06/30/12 06:58	LE	TAL NC

Client Sample ID: TB-062212-001
Lab Sample ID: 240-12614-41

Date Collected: 06/18/12 00:00
Matrix: Water
Date Received: 06/23/12 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	49241	06/28/12 14:37	LE	TAL NC

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-12614-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAC	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAC	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAC	5	200004
TestAmerica Canton	Kansas	NELAC	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAC	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAC	2	OH001
TestAmerica Canton	New York	NELAC	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAC	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

CHAIN OF CUSTODY RECORD

CONESTOGA-ROVERS & ASSOCIATES
14496 Sheldon Road, Suite #200, Plymouth, Michigan 48170
Phone: (734) 453-5123 Fax: (734) 453-5201

COC NO. PL- 09638
PAGE 1 OF 3
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 12616 - T02	Laboratory Name: Test America	Lab Location: N. Canton, OH	SSOW ID:
Project Name: Elyria RI	Lab Contact: D. Hackler	Lab Quote No:	Cooler No:
Project Location: Elyria, OH			Carrier:
Chemistry Contact: Angie Bown			Airbill No:
Sampler(s): D. Newton			Date Shipped:

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	MS/MSD Request	Comments/ Special Instructions:
1	GW-12616-061812-DN-01	6-18-12	0750	wtr			✓								✓		
2	02		0910				✓								✓		
3	03		1100				✓								✓		
4	04		1230				✓								✓		
5	05		1325				✓								✓		
6	06		1525				✓								✓		
7	07		1620				✓								✓		
8	08		1745				✓								✓		
9	09		1850				✓								✓		
10	GW-12616-061912-DN-10	6-19-12	1105				✓								✓		
11	11		1240				✓								✓		
12	12		1330				✓								✓		
13	13		1435				✓								✓		
14	14		1555				✓								✓		
15	15		1720				✓								✓		

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other:

Total Number of Containers:

All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Dan Newton	CRA	6/22/12	1830	1. Terrell Scott	TA	6/23/12	0945
2.				2.			
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)

CHAIN OF CUSTODY RECORD

COC NO. PL- 09640
PAGE 2 OF 3
(See Reverse Side for Instructions)

CONESTOGA-ROVERS & ASSOCIATES
14496 Sheldon Road, Suite #200, Plymouth, Michigan 48170
Phone: (734) 453-5123 Fax: (734) 453-5201

Project No/ Phase/Task Code: 12616-T02	Laboratory Name: Test America	Lab Location: N. Canton, OH	SSOW ID:
Project Name: Elyria RI	Lab Contact: D. Hocklar	Lab Quote No:	Cooler No:
Project Location: Elyria, OH			Carrier:
Chemistry Contact: Angie Bown			Airbill No:
Sampler(s): D. Newton			Date Shipped:

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd//yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	MS/MSD Request	Comments/ Special Instructions:
1	GW-12616-061912-DN-16	6-19-12	1810	WG			✓								✓		
2	GW-12616-062012-DN-17	6-20-12	1050				✓								✓		
3	18		1155				✓								✓		
4	19		1350				✓								✓		
5	20		1450				✓								✓		MS/MSD
6	21		1545				✓								✓		
7	22		1710				✓								✓		
8	23		1815				✓								✓		
9	24		1910				✓								✓		
10	GW-12616-062112-DN-25	6-21-12	0655				✓								✓		
11	26		0810				✓								✓		
12	27		0935				✓								✓		
13	28		1030				✓								✓		
14	29		1240				✓								✓		
15	30		1355				✓								✓		

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other:

Total Number of Containers:
All Samples in Cooler must be on COC

Notes/ Special Requirements:

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	Dan Newton	CRA	6-22-12	1830	Terell Vinson	TA	6/23/12	0945
2.								
3.								

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)

CHAIN OF CUSTODY RECORD

COC NO.: PL-09639
PAGE 3 OF 3
(See Reverse Side for Instructions)

CONESTOGA-ROVERS & ASSOCIATES
14496 Sheldon Road, Suite #200, Plymouth, Michigan 48170
Phone: (734) 453-5123 Fax: (734) 453-5201

Project No/ Phase/Task Code: 12616-T02	Laboratory Name: Test America	Lab Location: N. Canton, OH	SSOW ID:
Project Name: Elyria RI	Lab Contact: D Heckler	Lab Quote No:	Cooler No:
Project Location: Elyria, OH			Carrier:
Chemistry Contact: Angie Bourn			Airbill No:
Sampler(s): D Newton			Date Shipped:

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO_3)	Sulfuric Acid (H_2SO_4)	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	VOCs	MS/MSD Request	Comments/ Special Instructions:
1	GW-12616-062712-DN-31	6.21.12	1430	WG			✓								✓		
2	32		1505				✓								✓		
3	34		1620				✓								✓		
4	GW-12616-062212-DN-33	6.22.12	0930				✓								✓		
5	35		1020				✓								✓		
6	36		1130				✓								✓		
7	37		1310				✓								✓		
8	38		1420				✓								✓		
9	RB-12616-062212-DN-39		1450				✓								✓		Rinse Blank
10	GW-12616-062212-DN-40		0905				✓								✓		MS/MSD
11	TB-062212-001	—	—	TB			✓								✓		Trip Blank
12																	
13																	
14																	
15																	

TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other:

Total Number of Containers:
All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. D Newton	CRA	6.22.12	1830	1. Terri K Vance	TA	6/23/12	0945
2.				2.			
3.				3.			

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)

TestAmerica North Canton Sample Receipt Form/Narrative **Login # : 12614**

Client CRA Site Name Elyria By: Terrell Fox (Signature)

Cooler Received on 6/23/12 Opened on 6-25-12

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # TA No # Foam Box Client Cooler Box Other

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF -2°C)	Observed Sample Temp. 3,0 °C	Corrected Sample Temp. 3,0 °C	☐ Multiple on Back
IR GUN# 4G	(CF -1°C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C	
IR GUN# 5G	(CF -1°C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C	
IR GUN# 6Y	(CF -2°C)	Observed Sample Temp. ____ °C	Corrected Sample Temp. ____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity ____	Yes (No)
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No (NA)
-Were custody seals on the bottle(s)?	Yes (No)
3. Shippers' packing slip attached to the cooler(s)?	(Yes) No
4. Did custody papers accompany the sample(s)?	(Yes) No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes) No
7. Could all bottle labels be reconciled with the COC?	(Yes) No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes) No
9. Sufficient quantity received to perform indicated analyses?	(Yes) No
10. Were sample(s) at the correct pH upon receipt?	Yes No (NA)
11. Were VOAs on the COC?	(Yes) No
12. Were air bubbles >6 mm in any VOA vials?	Yes (No) NA
13. Was a trip blank present in the cooler(s)?	(Yes) No

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other

Concerning ____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.

Sample(s) ____ were received in a broken container.

Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 110410-HNO3; Sulfuric Acid Lot# 041911-H2SO4; Sodium Hydroxide Lot# 121809 - NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-12614-1

Login Number: 12614

List Source: TestAmerica Canton

List Number: 1

Creator: Livengood, Chris

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-22640-1
Client Project/Site: 12616-T02-003, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
4/11/2013 12:22:36 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-22640-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-003, Racer Elyria

Report Number: 240-22640-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 03/30/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.4 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-12616-032713-DN-01 (240-22640-1), WG-12616-032713-DN-02 (240-22640-2), WG-12616-032713-DN-03 (240-22640-3), WG-12616-032713-DN-04 (240-22640-4), WG-12616-032713-DN-05 (240-22640-5), WG-12616-032813-DN-06 (240-22640-6), WG-12616-032813-DN-07 (240-22640-7), WG-12616-032813-DN-08 (240-22640-8), WG-12616-032813-DN-09 (240-22640-9), WG-12616-032813-DN-10 (240-22640-10), WG-12616-032813-DN-11 (240-22640-11), WG-12616-032813-DN-12 (240-22640-12), WG-12616-032813-DN-13 (240-22640-13), WG-12616-032913-DN-14 (240-22640-14), WG-12616-032913-DN-15 (240-22640-15), WG-12616-032913-DN-16 (240-22640-16), WG-12616-032913-DN-17 (240-22640-17), WG-12616-032913-DN-18 (240-22640-18), WG-12616-032913-DN-19 (240-22640-19) and WG-12616-032913-DN-20 (240-22640-20) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/06/2013 and 04/07/2013.

The MSD in batch 80819 was outside the 12 hour tune limit by one minute.

No difficulties were encountered during the VOCs analyses.

All quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-22640-1	WG-12616-032713-DN-01	Water	03/27/13 14:15	03/30/13 09:45
240-22640-2	WG-12616-032713-DN-02	Water	03/27/13 15:20	03/30/13 09:45
240-22640-3	WG-12616-032713-DN-03	Water	03/27/13 16:25	03/30/13 09:45
240-22640-4	WG-12616-032713-DN-04	Water	03/27/13 17:20	03/30/13 09:45
240-22640-5	WG-12616-032713-DN-05	Water	03/27/13 18:15	03/30/13 09:45
240-22640-6	WG-12616-032813-DN-06	Water	03/28/13 11:55	03/30/13 09:45
240-22640-7	WG-12616-032813-DN-07	Water	03/28/13 12:50	03/30/13 09:45
240-22640-8	WG-12616-032813-DN-08	Water	03/28/13 14:15	03/30/13 09:45
240-22640-9	WG-12616-032813-DN-09	Water	03/28/13 15:55	03/30/13 09:45
240-22640-10	WG-12616-032813-DN-10	Water	03/28/13 16:30	03/30/13 09:45
240-22640-11	WG-12616-032813-DN-11	Water	03/28/13 17:10	03/30/13 09:45
240-22640-12	WG-12616-032813-DN-12	Water	03/28/13 17:45	03/30/13 09:45
240-22640-13	WG-12616-032813-DN-13	Water	03/28/13 18:25	03/30/13 09:45
240-22640-14	WG-12616-032913-DN-14	Water	03/29/13 11:45	03/30/13 09:45
240-22640-15	WG-12616-032913-DN-15	Water	03/29/13 12:40	03/30/13 09:45
240-22640-16	WG-12616-032913-DN-16	Water	03/29/13 13:20	03/30/13 09:45
240-22640-17	WG-12616-032913-DN-17	Water	03/29/13 14:15	03/30/13 09:45
240-22640-18	WG-12616-032913-DN-18	Water	03/29/13 15:05	03/30/13 09:45
240-22640-19	WG-12616-032913-DN-19	Water	03/29/13 15:55	03/30/13 09:45
240-22640-20	WG-12616-032913-DN-20	Water	03/29/13 16:50	03/30/13 09:45

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-01 — Lab Sample ID: 240-22640-1

No Detections.

Client Sample ID: WG-12616-032713-DN-02 — Lab Sample ID: 240-22640-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.9	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032713-DN-03 — Lab Sample ID: 240-22640-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032713-DN-04 — Lab Sample ID: 240-22640-4

No Detections.

Client Sample ID: WG-12616-032713-DN-05 — Lab Sample ID: 240-22640-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032813-DN-06 — Lab Sample ID: 240-22640-6

No Detections.

Client Sample ID: WG-12616-032813-DN-07 — Lab Sample ID: 240-22640-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032813-DN-08 — Lab Sample ID: 240-22640-8

No Detections.

Client Sample ID: WG-12616-032813-DN-09 — Lab Sample ID: 240-22640-9

No Detections.

Client Sample ID: WG-12616-032813-DN-10 — Lab Sample ID: 240-22640-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032813-DN-11 — Lab Sample ID: 240-22640-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032813-DN-12 — Lab Sample ID: 240-22640-12

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-13 — Lab Sample ID: 240-22640-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032913-DN-14 — Lab Sample ID: 240-22640-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.17	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032913-DN-15 — Lab Sample ID: 240-22640-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032913-DN-16 — Lab Sample ID: 240-22640-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032913-DN-17 — Lab Sample ID: 240-22640-17

No Detections.

Client Sample ID: WG-12616-032913-DN-18 — Lab Sample ID: 240-22640-18

No Detections.

Client Sample ID: WG-12616-032913-DN-19 — Lab Sample ID: 240-22640-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032913-DN-20 — Lab Sample ID: 240-22640-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-01
Date Collected: 03/27/13 14:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/07/13 18:12	1
Benzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/07/13 18:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/07/13 18:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/07/13 18:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/07/13 18:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 18:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/07/13 18:12	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/07/13 18:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/07/13 18:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/07/13 18:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 18:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 18:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/07/13 18:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/07/13 18:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/07/13 18:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/07/13 18:12	1
2-Hexanone	10	U	10	0.41	ug/L			04/07/13 18:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/07/13 18:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/07/13 18:12	1
Styrene	1.0	U	1.0	0.11	ug/L			04/07/13 18:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/07/13 18:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/07/13 18:12	1
Toluene	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 18:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/07/13 18:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/07/13 18:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 18:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/07/13 18:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/07/13 18:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/07/13 18:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/07/13 18:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/07/13 18:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 18:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 18:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
Methyl acetate	10	U	10	0.38	ug/L			04/07/13 18:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/07/13 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/07/13 18:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 18:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/07/13 18:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/07/13 18:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/07/13 18:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/07/13 18:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-01
Date Collected: 03/27/13 14:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		04/07/13 18:12	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/07/13 18:12	1
Toluene-d8 (Surr)	90		74 - 115		04/07/13 18:12	1
Dibromofluoromethane (Surr)	94		75 - 121		04/07/13 18:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-02
Date Collected: 03/27/13 15:20
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.9	J	10	1.1	ug/L			04/06/13 01:00	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 01:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 01:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 01:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 01:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 01:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 01:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 01:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 01:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 01:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 01:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 01:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 01:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 01:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 01:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 01:00	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 01:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 01:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 01:00	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 01:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 01:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 01:00	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 01:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 01:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 01:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 01:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 01:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 01:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 01:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 01:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 01:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 01:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 01:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 01:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 01:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 01:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 01:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 01:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 01:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 01:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-02
Date Collected: 03/27/13 15:20
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/06/13 01:00	1
4-Bromofluorobenzene (Surr)	84		66 - 117		04/06/13 01:00	1
Toluene-d8 (Surr)	82		74 - 115		04/06/13 01:00	1
Dibromofluoromethane (Surr)	93		75 - 121		04/06/13 01:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-03
Date Collected: 03/27/13 16:25
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J	10	1.1	ug/L			04/06/13 01:22	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 01:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 01:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 01:22	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 01:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 01:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 01:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 01:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 01:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 01:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 01:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 01:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 01:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 01:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 01:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 01:22	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 01:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 01:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 01:22	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 01:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 01:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 01:22	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 01:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 01:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 01:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 01:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 01:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 01:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 01:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 01:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 01:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 01:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 01:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 01:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 01:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 01:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 01:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 01:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 01:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 01:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 01:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-03
Date Collected: 03/27/13 16:25
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		04/06/13 01:22	1
4-Bromofluorobenzene (Surr)	91		66 - 117		04/06/13 01:22	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 01:22	1
Dibromofluoromethane (Surr)	94		75 - 121		04/06/13 01:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-04
Date Collected: 03/27/13 17:20
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 01:44	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 01:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 01:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 01:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 01:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 01:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 01:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 01:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 01:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 01:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 01:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 01:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 01:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 01:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 01:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 01:44	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 01:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 01:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 01:44	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 01:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 01:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 01:44	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 01:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 01:44	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 01:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 01:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 01:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 01:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 01:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 01:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 01:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 01:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 01:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 01:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 01:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 01:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 01:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 01:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 01:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 01:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 01:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-04
Date Collected: 03/27/13 17:20
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/06/13 01:44	1
4-Bromofluorobenzene (Surr)	95		66 - 117		04/06/13 01:44	1
Toluene-d8 (Surr)	85		74 - 115		04/06/13 01:44	1
Dibromofluoromethane (Surr)	94		75 - 121		04/06/13 01:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-05
Lab Sample ID: 240-22640-5
Date Collected: 03/27/13 18:15
Matrix: Water
Date Received: 03/30/13 09:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J	10	1.1	ug/L			04/06/13 02:06	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 02:06	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 02:06	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 02:06	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 02:06	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 02:06	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 02:06	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 02:06	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 02:06	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 02:06	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 02:06	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 02:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 02:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 02:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 02:06	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 02:06	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 02:06	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 02:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 02:06	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 02:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 02:06	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 02:06	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 02:06	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 02:06	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 02:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 02:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 02:06	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 02:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 02:06	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 02:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 02:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 02:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 02:06	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 02:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 02:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 02:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 02:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 02:06	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 02:06	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 02:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032713-DN-05
Date Collected: 03/27/13 18:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		04/06/13 02:06	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/06/13 02:06	1
Toluene-d8 (Surr)	85		74 - 115		04/06/13 02:06	1
Dibromofluoromethane (Surr)	98		75 - 121		04/06/13 02:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-06
Date Collected: 03/28/13 11:55
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 02:29	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 02:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 02:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 02:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 02:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 02:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 02:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 02:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 02:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 02:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 02:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 02:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 02:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 02:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 02:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 02:29	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 02:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 02:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 02:29	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 02:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 02:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 02:29	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 02:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 02:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 02:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 02:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 02:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 02:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 02:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 02:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 02:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 02:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 02:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 02:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 02:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 02:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 02:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 02:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 02:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 02:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-06
Date Collected: 03/28/13 11:55
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/06/13 02:29	1
4-Bromofluorobenzene (Surr)	89		66 - 117		04/06/13 02:29	1
Toluene-d8 (Surr)	89		74 - 115		04/06/13 02:29	1
Dibromofluoromethane (Surr)	94		75 - 121		04/06/13 02:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-07
Date Collected: 03/28/13 12:50
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.4	J	10	1.1	ug/L			04/06/13 02:51	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 02:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 02:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 02:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 02:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 02:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 02:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 02:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 02:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 02:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 02:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 02:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 02:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 02:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 02:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 02:51	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 02:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 02:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 02:51	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 02:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 02:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 02:51	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 02:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 02:51	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 02:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 02:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 02:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 02:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 02:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 02:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 02:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 02:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 02:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 02:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 02:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 02:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 02:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 02:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 02:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 02:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 02:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-07
Date Collected: 03/28/13 12:50
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/06/13 02:51	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/06/13 02:51	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 02:51	1
Dibromofluoromethane (Surr)	93		75 - 121		04/06/13 02:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-08
Date Collected: 03/28/13 14:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 03:13	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 03:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 03:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 03:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 03:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 03:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 03:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 03:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 03:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 03:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 03:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 03:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 03:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 03:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 03:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 03:13	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 03:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 03:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 03:13	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 03:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 03:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 03:13	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 03:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 03:13	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 03:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 03:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 03:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 03:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 03:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 03:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 03:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 03:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 03:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 03:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 03:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 03:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 03:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 03:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 03:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 03:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-08
Date Collected: 03/28/13 14:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/06/13 03:13	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/06/13 03:13	1
Toluene-d8 (Surr)	88		74 - 115		04/06/13 03:13	1
Dibromofluoromethane (Surr)	96		75 - 121		04/06/13 03:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-09
Date Collected: 03/28/13 15:55
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 03:35	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 03:35	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 03:35	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 03:35	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 03:35	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 03:35	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 03:35	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 03:35	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 03:35	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 03:35	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 03:35	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 03:35	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 03:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 03:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 03:35	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 03:35	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 03:35	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 03:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 03:35	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 03:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 03:35	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 03:35	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 03:35	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 03:35	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 03:35	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 03:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 03:35	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 03:35	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 03:35	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 03:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 03:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 03:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 03:35	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 03:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 03:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 03:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 03:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 03:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 03:35	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 03:35	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 03:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-09
Date Collected: 03/28/13 15:55
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		04/06/13 03:35	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/06/13 03:35	1
Toluene-d8 (Surr)	83		74 - 115		04/06/13 03:35	1
Dibromofluoromethane (Surr)	100		75 - 121		04/06/13 03:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-10
Date Collected: 03/28/13 16:30
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J	10	1.1	ug/L			04/06/13 03:58	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 03:58	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 03:58	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 03:58	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 03:58	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 03:58	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 03:58	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 03:58	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 03:58	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 03:58	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 03:58	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 03:58	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 03:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 03:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 03:58	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 03:58	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 03:58	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 03:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 03:58	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 03:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 03:58	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 03:58	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 03:58	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 03:58	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 03:58	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 03:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 03:58	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 03:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 03:58	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 03:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 03:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 03:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 03:58	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 03:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 03:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 03:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 03:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 03:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 03:58	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 03:58	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 03:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-10
Date Collected: 03/28/13 16:30
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		04/06/13 03:58	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/06/13 03:58	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 03:58	1
Dibromofluoromethane (Surr)	97		75 - 121		04/06/13 03:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-11
Date Collected: 03/28/13 17:10
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J	10	1.1	ug/L			04/06/13 04:21	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 04:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 04:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 04:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 04:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 04:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 04:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 04:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 04:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 04:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 04:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 04:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 04:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 04:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 04:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 04:21	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 04:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 04:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 04:21	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 04:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 04:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 04:21	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 04:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 04:21	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 04:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 04:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 04:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 04:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 04:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 04:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 04:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 04:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 04:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 04:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 04:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 04:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 04:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 04:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 04:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 04:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-11
Date Collected: 03/28/13 17:10
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		04/06/13 04:21	1
4-Bromofluorobenzene (Surr)	89		66 - 117		04/06/13 04:21	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 04:21	1
Dibromofluoromethane (Surr)	96		75 - 121		04/06/13 04:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-12
Date Collected: 03/28/13 17:45
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 04:43	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 04:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 04:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 04:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 04:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 04:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 04:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 04:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 04:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 04:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 04:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 04:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 04:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 04:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 04:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 04:43	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 04:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 04:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 04:43	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 04:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 04:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 04:43	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 04:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 04:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 04:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 04:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 04:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 04:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 04:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 04:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 04:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 04:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 04:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 04:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 04:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 04:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 04:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 04:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 04:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 04:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-12
Date Collected: 03/28/13 17:45
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		04/06/13 04:43	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/06/13 04:43	1
Toluene-d8 (Surr)	86		74 - 115		04/06/13 04:43	1
Dibromofluoromethane (Surr)	95		75 - 121		04/06/13 04:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-13
Date Collected: 03/28/13 18:25
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.4	J	10	1.1	ug/L			04/06/13 05:06	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 05:06	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 05:06	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 05:06	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 05:06	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 05:06	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 05:06	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 05:06	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 05:06	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 05:06	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 05:06	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 05:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 05:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 05:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 05:06	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 05:06	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 05:06	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 05:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 05:06	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 05:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 05:06	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 05:06	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 05:06	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 05:06	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 05:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 05:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 05:06	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 05:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 05:06	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 05:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 05:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 05:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 05:06	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 05:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 05:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 05:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 05:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 05:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 05:06	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 05:06	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 05:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032813-DN-13
Date Collected: 03/28/13 18:25
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		04/06/13 05:06	1
4-Bromofluorobenzene (Surr)	91		66 - 117		04/06/13 05:06	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 05:06	1
Dibromofluoromethane (Surr)	103		75 - 121		04/06/13 05:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-14
Date Collected: 03/29/13 11:45
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 05:28	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 05:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 05:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 05:28	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 05:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 05:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 05:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 05:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 05:28	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 05:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 05:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 05:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 05:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 05:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 05:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 05:28	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 05:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 05:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 05:28	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 05:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 05:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 05:28	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
Trichloroethene	**0.17**	**J**	1.0	0.17	ug/L			04/06/13 05:28	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 05:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 05:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 05:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 05:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 05:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 05:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 05:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 05:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 05:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 05:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 05:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 05:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 05:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 05:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 05:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 05:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 05:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 05:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-14
Date Collected: 03/29/13 11:45
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		04/06/13 05:28	1
4-Bromofluorobenzene (Surr)	88		66 - 117		04/06/13 05:28	1
Toluene-d8 (Surr)	90		74 - 115		04/06/13 05:28	1
Dibromofluoromethane (Surr)	96		75 - 121		04/06/13 05:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-15
Date Collected: 03/29/13 12:40
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			04/06/13 05:51	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 05:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 05:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 05:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 05:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 05:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 05:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 05:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 05:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 05:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 05:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 05:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 05:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 05:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 05:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 05:51	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 05:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 05:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 05:51	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 05:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 05:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 05:51	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 05:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 05:51	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 05:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 05:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 05:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 05:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 05:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 05:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 05:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 05:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 05:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 05:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 05:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 05:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 05:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 05:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 05:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 05:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 05:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-15
Date Collected: 03/29/13 12:40
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		04/06/13 05:51	1
4-Bromofluorobenzene (Surr)	83		66 - 117		04/06/13 05:51	1
Toluene-d8 (Surr)	86		74 - 115		04/06/13 05:51	1
Dibromofluoromethane (Surr)	95		75 - 121		04/06/13 05:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-16
Date Collected: 03/29/13 13:20
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J	10	1.1	ug/L			04/06/13 06:13	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 06:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 06:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 06:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 06:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 06:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 06:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 06:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 06:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 06:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 06:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 06:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 06:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 06:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 06:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 06:13	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 06:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 06:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 06:13	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 06:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 06:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 06:13	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 06:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 06:13	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 06:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 06:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 06:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 06:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 06:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 06:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 06:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 06:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 06:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 06:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 06:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 06:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 06:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 06:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 06:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 06:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 06:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-16
Date Collected: 03/29/13 13:20
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		04/06/13 06:13	1
4-Bromofluorobenzene (Surr)	81		66 - 117		04/06/13 06:13	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 06:13	1
Dibromofluoromethane (Surr)	91		75 - 121		04/06/13 06:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-17
Date Collected: 03/29/13 14:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/07/13 18:34	1
Benzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/07/13 18:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/07/13 18:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/07/13 18:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/07/13 18:34	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 18:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/07/13 18:34	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/07/13 18:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/07/13 18:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/07/13 18:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 18:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 18:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/07/13 18:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/07/13 18:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/07/13 18:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/07/13 18:34	1
2-Hexanone	10	U	10	0.41	ug/L			04/07/13 18:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/07/13 18:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/07/13 18:34	1
Styrene	1.0	U	1.0	0.11	ug/L			04/07/13 18:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/07/13 18:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/07/13 18:34	1
Toluene	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 18:34	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/07/13 18:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/07/13 18:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 18:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/07/13 18:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/07/13 18:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/07/13 18:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/07/13 18:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/07/13 18:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 18:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 18:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
Methyl acetate	10	U	10	0.38	ug/L			04/07/13 18:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/07/13 18:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/07/13 18:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 18:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/07/13 18:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/07/13 18:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/07/13 18:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/07/13 18:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-17
Date Collected: 03/29/13 14:15
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/07/13 18:34	1
4-Bromofluorobenzene (Surr)	85		66 - 117		04/07/13 18:34	1
Toluene-d8 (Surr)	90		74 - 115		04/07/13 18:34	1
Dibromofluoromethane (Surr)	90		75 - 121		04/07/13 18:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-18
Date Collected: 03/29/13 15:05
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/07/13 18:56	1
Benzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/07/13 18:56	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/07/13 18:56	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/07/13 18:56	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/07/13 18:56	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 18:56	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/07/13 18:56	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/07/13 18:56	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/07/13 18:56	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/07/13 18:56	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 18:56	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 18:56	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/07/13 18:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/07/13 18:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/07/13 18:56	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/07/13 18:56	1
2-Hexanone	10	U	10	0.41	ug/L			04/07/13 18:56	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/07/13 18:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/07/13 18:56	1
Styrene	1.0	U	1.0	0.11	ug/L			04/07/13 18:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/07/13 18:56	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/07/13 18:56	1
Toluene	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 18:56	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/07/13 18:56	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/07/13 18:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 18:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/07/13 18:56	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/07/13 18:56	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/07/13 18:56	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/07/13 18:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/07/13 18:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 18:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 18:56	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
Methyl acetate	10	U	10	0.38	ug/L			04/07/13 18:56	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/07/13 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/07/13 18:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 18:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/07/13 18:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/07/13 18:56	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/07/13 18:56	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/07/13 18:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-18
Date Collected: 03/29/13 15:05
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		63 - 129		04/07/13 18:56	1
4-Bromofluorobenzene (Surr)	89		66 - 117		04/07/13 18:56	1
Toluene-d8 (Surr)	84		74 - 115		04/07/13 18:56	1
Dibromofluoromethane (Surr)	93		75 - 121		04/07/13 18:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-19
Date Collected: 03/29/13 15:55
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	J	10	1.1	ug/L			04/06/13 09:39	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 09:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 09:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 09:39	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 09:39	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 09:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 09:39	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 09:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 09:39	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 09:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 09:39	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 09:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 09:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 09:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 09:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 09:39	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 09:39	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 09:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 09:39	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 09:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 09:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 09:39	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 09:39	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 09:39	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 09:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 09:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 09:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 09:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 09:39	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 09:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 09:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 09:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 09:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 09:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 09:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 09:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 09:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 09:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 09:39	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 09:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 09:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-19
Date Collected: 03/29/13 15:55
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		04/06/13 09:39	1
4-Bromofluorobenzene (Surr)	84		66 - 117		04/06/13 09:39	1
Toluene-d8 (Surr)	87		74 - 115		04/06/13 09:39	1
Dibromofluoromethane (Surr)	102		75 - 121		04/06/13 09:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-20
Date Collected: 03/29/13 16:50
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.4	J	10	1.1	ug/L			04/06/13 10:02	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 10:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 10:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 10:02	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 10:02	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 10:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 10:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 10:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 10:02	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 10:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 10:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 10:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 10:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 10:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 10:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 10:02	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 10:02	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 10:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 10:02	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 10:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 10:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 10:02	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 10:02	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 10:02	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 10:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 10:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 10:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 10:02	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 10:02	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 10:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 10:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 10:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 10:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 10:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 10:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 10:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 10:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 10:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 10:02	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 10:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 10:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-20
Date Collected: 03/29/13 16:50
Date Received: 03/30/13 09:45

Lab Sample ID: 240-22640-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/06/13 10:02	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/06/13 10:02	1
Toluene-d8 (Surr)	83		74 - 115		04/06/13 10:02	1
Dibromofluoromethane (Surr)	97		75 - 121		04/06/13 10:02	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-22640-1	WG-12616-032713-DN-01	105	87	90	94
240-22640-2	WG-12616-032713-DN-02	106	84	82	93
240-22640-3	WG-12616-032713-DN-03	107	91	87	94
240-22640-4	WG-12616-032713-DN-04	106	95	85	94
240-22640-5	WG-12616-032713-DN-05	107	87	85	98
240-22640-6	WG-12616-032813-DN-06	103	89	89	94
240-22640-7	WG-12616-032813-DN-07	106	86	87	93
240-22640-8	WG-12616-032813-DN-08	106	86	88	96
240-22640-9	WG-12616-032813-DN-09	108	87	83	100
240-22640-10	WG-12616-032813-DN-10	104	86	87	97
240-22640-11	WG-12616-032813-DN-11	107	89	87	96
240-22640-12	WG-12616-032813-DN-12	107	87	86	95
240-22640-13	WG-12616-032813-DN-13	109	91	87	103
240-22640-14	WG-12616-032913-DN-14	108	88	90	96
240-22640-15	WG-12616-032913-DN-15	104	83	86	95
240-22640-16	WG-12616-032913-DN-16	105	81	87	91
240-22640-17	WG-12616-032913-DN-17	103	85	90	90
240-22640-18	WG-12616-032913-DN-18	112	89	84	93
240-22640-19	WG-12616-032913-DN-19	110	84	87	102
240-22640-20	WG-12616-032913-DN-20	103	86	83	97
240-22640-20 MS	WG-12616-032913-DN-20	97	105	94	97
240-22640-20 MSD	WG-12616-032913-DN-20	96	106	98	94
LCS 240-80819/4	Lab Control Sample	97	105	96	98
LCS 240-80879/4	Lab Control Sample	93	109	95	93
MB 240-80819/5	Method Blank	101	85	89	90
MB 240-80879/5	Method Blank	104	89	90	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-80819/5
Matrix: Water
Analysis Batch: 80819

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/06/13 00:15	1
Benzene	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/06/13 00:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/06/13 00:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/06/13 00:15	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/06/13 00:15	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 00:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/06/13 00:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/06/13 00:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/06/13 00:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/06/13 00:15	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 00:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 00:15	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/06/13 00:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/06/13 00:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/06/13 00:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/06/13 00:15	1
2-Hexanone	10	U	10	0.41	ug/L			04/06/13 00:15	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/06/13 00:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/06/13 00:15	1
Styrene	1.0	U	1.0	0.11	ug/L			04/06/13 00:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/06/13 00:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/06/13 00:15	1
Toluene	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 00:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/06/13 00:15	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/06/13 00:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/06/13 00:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/06/13 00:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/06/13 00:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/06/13 00:15	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/06/13 00:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/06/13 00:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/06/13 00:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/06/13 00:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
Methyl acetate	10	U	10	0.38	ug/L			04/06/13 00:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/06/13 00:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/06/13 00:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/06/13 00:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/06/13 00:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/06/13 00:15	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/06/13 00:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/06/13 00:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-80819/5
Matrix: Water
Analysis Batch: 80819

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/06/13 00:15	1
4-Bromofluorobenzene (Surr)	85		66 - 117		04/06/13 00:15	1
Toluene-d8 (Surr)	89		74 - 115		04/06/13 00:15	1
Dibromofluoromethane (Surr)	90		75 - 121		04/06/13 00:15	1

Lab Sample ID: LCS 240-80819/4
Matrix: Water
Analysis Batch: 80819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.1		ug/L		90	43 - 136
Benzene	10.0	10.2		ug/L		102	83 - 112
Dichlorobromomethane	10.0	9.68		ug/L		97	72 - 121
Bromoform	10.0	7.48		ug/L		75	40 - 131
Bromomethane	10.0	9.64		ug/L		96	11 - 185
2-Butanone (MEK)	20.0	19.8		ug/L		99	60 - 126
Carbon disulfide	10.0	13.2		ug/L		132	62 - 142
Carbon tetrachloride	10.0	10.1		ug/L		101	66 - 128
Chlorobenzene	10.0	9.22		ug/L		92	85 - 110
Chloroethane	10.0	11.1		ug/L		111	25 - 153
Chloroform	10.0	10.8		ug/L		108	79 - 117
Chloromethane	10.0	10.6		ug/L		106	44 - 126
1,1-Dichloroethane	10.0	11.0		ug/L		110	82 - 115
1,2-Dichloroethane	10.0	9.95		ug/L		99	71 - 127
1,1-Dichloroethene	10.0	11.0		ug/L		110	78 - 131
1,2-Dichloropropane	10.0	10.1		ug/L		101	81 - 115
cis-1,3-Dichloropropene	10.0	7.61		ug/L		76	61 - 115
trans-1,3-Dichloropropene	10.0	7.13		ug/L		71	58 - 117
Ethylbenzene	10.0	9.64		ug/L		96	83 - 112
2-Hexanone	20.0	19.2		ug/L		96	55 - 133
Methylene Chloride	10.0	11.9		ug/L		119	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.9		ug/L		99	63 - 128
Styrene	10.0	9.39		ug/L		94	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.31		ug/L		83	68 - 118
Tetrachloroethene	10.0	8.42		ug/L		84	79 - 114
Toluene	10.0	9.32		ug/L		93	84 - 111
Trichloroethene	10.0	9.22		ug/L		92	76 - 117
Vinyl chloride	10.0	10.5		ug/L		105	53 - 127
Xylenes, Total	30.0	30.3		ug/L		101	83 - 112
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	74 - 118
1,1,2-Trichloroethane	10.0	9.56		ug/L		96	80 - 112
Cyclohexane	10.0	9.99		ug/L		100	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	6.96		ug/L		70	42 - 136
Ethylene Dibromide	10.0	9.43		ug/L		94	79 - 113
Dichlorodifluoromethane	10.0	7.16		ug/L		72	19 - 129
cis-1,2-Dichloroethene	10.0	9.85		ug/L		99	80 - 113
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	83 - 117
Isopropylbenzene	10.0	10.0		ug/L		100	75 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-80819/4
Matrix: Water
Analysis Batch: 80819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	11.6		ug/L		116	58 - 131
Methyl tert-butyl ether	10.0	10.1		ug/L		101	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.8		ug/L		108	74 - 151
1,2,4-Trichlorobenzene	10.0	7.76		ug/L		78	48 - 135
1,2-Dichlorobenzene	10.0	9.23		ug/L		92	81 - 110
1,3-Dichlorobenzene	10.0	9.06		ug/L		91	80 - 110
1,4-Dichlorobenzene	10.0	9.08		ug/L		91	82 - 110
Trichlorofluoromethane	10.0	9.47		ug/L		95	49 - 157
Chlorodibromomethane	10.0	7.01		ug/L		70	64 - 119
Methylcyclohexane	10.0	9.00		ug/L		90	56 - 127
m-Xylene & p-Xylene	20.0	19.9		ug/L		100	83 - 113
o-Xylene	10.0	10.4		ug/L		104	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*96*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: 240-22640-20 MS
Matrix: Water
Analysis Batch: 80819

Client Sample ID: WG-12616-032913-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	1.4	J	20.0	18.6		ug/L		86	33 - 145
Benzene	1.0	U	10.0	9.42		ug/L		94	72 - 121
Dichlorobromomethane	1.0	U	10.0	9.35		ug/L		93	67 - 120
Bromoform	1.0	U	10.0	7.82		ug/L		78	32 - 128
Bromomethane	1.0	U	10.0	8.87		ug/L		89	10 - 186
2-Butanone (MEK)	10	U	20.0	16.7		ug/L		83	54 - 129
Carbon disulfide	1.0	U	10.0	11.9		ug/L		119	57 - 147
Carbon tetrachloride	1.0	U	10.0	9.74		ug/L		97	59 - 129
Chlorobenzene	1.0	U	10.0	9.02		ug/L		90	80 - 110
Chloroethane	1.0	U	10.0	9.76		ug/L		98	21 - 165
Chloroform	1.0	U	10.0	10.0		ug/L		100	76 - 118
Chloromethane	1.0	U	10.0	8.71		ug/L		87	33 - 132
1,1-Dichloroethane	1.0	U	10.0	10.5		ug/L		105	79 - 116
1,2-Dichloroethane	1.0	U	10.0	9.50		ug/L		95	68 - 129
1,1-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.49		ug/L		95	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	6.82		ug/L		68	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	7.57		ug/L		76	46 - 116
Ethylbenzene	1.0	U	10.0	9.17		ug/L		92	75 - 116
2-Hexanone	10	U	20.0	19.7		ug/L		98	47 - 139
Methylene Chloride	1.0	U	10.0	10.1		ug/L		101	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	17.6		ug/L		88	56 - 131
Styrene	1.0	U	10.0	8.85		ug/L		88	71 - 117

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22640-20 MS
Matrix: Water
Analysis Batch: 80819

Client Sample ID: WG-12616-032913-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.10		ug/L		81	63 - 122
Tetrachloroethene	1.0	U	10.0	8.63		ug/L		86	70 - 117
Toluene	1.0	U	10.0	9.16		ug/L		92	78 - 114
Trichloroethene	1.0	U	10.0	8.91		ug/L		89	66 - 120
Vinyl chloride	1.0	U	10.0	9.24		ug/L		92	49 - 130
Xylenes, Total	2.0	U	30.0	28.6		ug/L		95	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	9.89		ug/L		99	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	8.85		ug/L		89	75 - 115
Cyclohexane	1.0	U	10.0	8.91		ug/L		89	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.86		ug/L		79	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.88		ug/L		89	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	7.07		ug/L		71	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.48		ug/L		95	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	9.77		ug/L		98	80 - 119
Isopropylbenzene	1.0	U	10.0	9.22		ug/L		92	68 - 116
Methyl acetate	10	U	10.0	9.05	J	ug/L		91	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	9.14		ug/L		91	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.2		ug/L		102	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	6.66		ug/L		67	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.72		ug/L		87	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.47		ug/L		85	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.23		ug/L		82	75 - 110
Trichlorofluoromethane	1.0	U	10.0	8.50		ug/L		85	46 - 157
Chlorodibromomethane	1.0	U	10.0	7.72		ug/L		77	56 - 118
Methylcyclohexane	1.0	U	10.0	7.67		ug/L		77	49 - 127
m-Xylene & p-Xylene	2.0		20.0	18.7		ug/L		94	75 - 117
o-Xylene	1.0		10.0	9.85		ug/L		99	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*94*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: 240-22640-20 MSD
Matrix: Water
Analysis Batch: 80819

Client Sample ID: WG-12616-032913-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	1.4	J	20.0	19.1		ug/L		89	33 - 145	3	30
Benzene	1.0	U	10.0	10.1		ug/L		101	72 - 121	7	30
Dichlorobromomethane	1.0	U	10.0	10.1		ug/L		101	67 - 120	7	30
Bromoform	1.0	U	10.0	7.62		ug/L		76	32 - 128	3	30
Bromomethane	1.0	U	10.0	8.76		ug/L		88	10 - 186	1	30
2-Butanone (MEK)	10	U	20.0	19.0		ug/L		95	54 - 129	13	30
Carbon disulfide	1.0	U	10.0	12.5		ug/L		125	57 - 147	5	30
Carbon tetrachloride	1.0	U	10.0	10.5		ug/L		105	59 - 129	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22640-20 MSD
Matrix: Water
Analysis Batch: 80819

Client Sample ID: WG-12616-032913-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	1.0	U	10.0	9.34		ug/L		93	80 - 110	3	30
Chloroethane	1.0	U	10.0	10.4		ug/L		104	21 - 165	6	30
Chloroform	1.0	U	10.0	10.4		ug/L		104	76 - 118	3	30
Chloromethane	1.0	U	10.0	8.79		ug/L		88	33 - 132	1	30
1,1-Dichloroethane	1.0	U	10.0	10.9		ug/L		109	79 - 116	4	30
1,2-Dichloroethane	1.0	U	10.0	9.99		ug/L		100	68 - 129	5	30
1,1-Dichloroethene	1.0	U	10.0	10.6		ug/L		106	74 - 135	2	30
1,2-Dichloropropane	1.0	U	10.0	9.80		ug/L		98	78 - 115	3	30
cis-1,3-Dichloropropene	1.0	U	10.0	7.56		ug/L		76	51 - 110	10	30
trans-1,3-Dichloropropene	1.0	U	10.0	7.99		ug/L		80	46 - 116	5	30
Ethylbenzene	1.0	U	10.0	9.77		ug/L		98	75 - 116	6	30
2-Hexanone	10	U	20.0	20.0		ug/L		100	47 - 139	1	30
Methylene Chloride	1.0	U	10.0	10.7		ug/L		107	63 - 128	5	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	19.1		ug/L		95	56 - 131	8	30
Styrene	1.0	U	10.0	8.95		ug/L		90	71 - 117	1	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.25		ug/L		92	63 - 122	13	30
Tetrachloroethene	1.0	U	10.0	8.55		ug/L		86	70 - 117	1	30
Toluene	1.0	U	10.0	9.60		ug/L		96	78 - 114	5	30
Trichloroethene	1.0	U	10.0	9.16		ug/L		92	66 - 120	3	30
Vinyl chloride	1.0	U	10.0	9.82		ug/L		98	49 - 130	6	30
Xylenes, Total	2.0	U	30.0	29.4		ug/L		98	76 - 116	3	30
1,1,1-Trichloroethane	1.0	U	10.0	10.4		ug/L		104	68 - 121	5	30
1,1,2-Trichloroethane	1.0	U	10.0	9.34		ug/L		93	75 - 115	5	30
Cyclohexane	1.0	U	10.0	9.52		ug/L		95	49 - 123	7	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.19		ug/L		82	32 - 139	4	30
Ethylene Dibromide	1.0	U	10.0	9.50		ug/L		95	74 - 113	7	30
Dichlorodifluoromethane	1.0	U	10.0	6.79		ug/L		68	17 - 128	4	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.93		ug/L		99	70 - 120	5	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	80 - 119	6	30
Isopropylbenzene	1.0	U	10.0	9.46		ug/L		95	68 - 116	3	30
Methyl acetate	10	U	10.0	9.03	J	ug/L		90	47 - 130	0	30
Methyl tert-butyl ether	1.0	U	10.0	9.93		ug/L		99	46 - 144	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.3		ug/L		103	70 - 152	0	30
1,2,4-Trichlorobenzene	1.0	U	10.0	7.74		ug/L		77	38 - 138	15	30
1,2-Dichlorobenzene	1.0	U	10.0	9.40		ug/L		94	75 - 111	8	30
1,3-Dichlorobenzene	1.0	U	10.0	9.41		ug/L		94	73 - 110	11	30
1,4-Dichlorobenzene	1.0	U	10.0	9.08		ug/L		91	75 - 110	10	30
Trichlorofluoromethane	1.0	U	10.0	9.01		ug/L		90	46 - 157	6	30
Chlorodibromomethane	1.0	U	10.0	8.30		ug/L		83	56 - 118	7	30
Methylcyclohexane	1.0	U	10.0	8.74		ug/L		87	49 - 127	13	30
m-Xylene & p-Xylene	2.0		20.0	19.3		ug/L		96	75 - 117	3	30
o-Xylene	1.0		10.0	10.1		ug/L		101	76 - 116	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 129*
4-Bromofluorobenzene (Surr)	*106*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22640-20 MSD
Matrix: Water
Analysis Batch: 80819

Client Sample ID: WG-12616-032913-DN-20
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*75 - 121*

Lab Sample ID: MB 240-80879/5
Matrix: Water
Analysis Batch: 80879

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/07/13 11:49	1
Benzene	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/07/13 11:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/07/13 11:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/07/13 11:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/07/13 11:49	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 11:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/07/13 11:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/07/13 11:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/07/13 11:49	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/07/13 11:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 11:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 11:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/07/13 11:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/07/13 11:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/07/13 11:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/07/13 11:49	1
2-Hexanone	10	U	10	0.41	ug/L			04/07/13 11:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/07/13 11:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/07/13 11:49	1
Styrene	1.0	U	1.0	0.11	ug/L			04/07/13 11:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/07/13 11:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/07/13 11:49	1
Toluene	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 11:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/07/13 11:49	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/07/13 11:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/07/13 11:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/07/13 11:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/07/13 11:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/07/13 11:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/07/13 11:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/07/13 11:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/07/13 11:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/07/13 11:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
Methyl acetate	10	U	10	0.38	ug/L			04/07/13 11:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/07/13 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/07/13 11:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-80879/5
Matrix: Water
Analysis Batch: 80879

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/07/13 11:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/07/13 11:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/07/13 11:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/07/13 11:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/07/13 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 129*		*04/07/13 11:49*	*1*
4-Bromofluorobenzene (Surr)	*89*		*66 - 117*		*04/07/13 11:49*	*1*
Toluene-d8 (Surr)	*90*		*74 - 115*		*04/07/13 11:49*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 121*		*04/07/13 11:49*	*1*

Lab Sample ID: LCS 240-80879/4
Matrix: Water
Analysis Batch: 80879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	17.0		ug/L		85	43 - 136
Benzene	10.0	10.4		ug/L		104	83 - 112
Dichlorobromomethane	10.0	10.9		ug/L		109	72 - 121
Bromoform	10.0	8.40		ug/L		84	40 - 131
Bromomethane	10.0	10.0		ug/L		100	11 - 185
2-Butanone (MEK)	20.0	17.9		ug/L		90	60 - 126
Carbon disulfide	10.0	13.6		ug/L		136	62 - 142
Carbon tetrachloride	10.0	12.0		ug/L		120	66 - 128
Chlorobenzene	10.0	10.0		ug/L		100	85 - 110
Chloroethane	10.0	11.3		ug/L		113	25 - 153
Chloroform	10.0	10.6		ug/L		106	79 - 117
Chloromethane	10.0	10.7		ug/L		107	44 - 126
1,1-Dichloroethane	10.0	11.2		ug/L		112	82 - 115
1,2-Dichloroethane	10.0	9.75		ug/L		98	71 - 127
1,1-Dichloroethene	10.0	11.5		ug/L		115	78 - 131
1,2-Dichloropropane	10.0	10.7		ug/L		107	81 - 115
cis-1,3-Dichloropropene	10.0	8.34		ug/L		83	61 - 115
trans-1,3-Dichloropropene	10.0	8.85		ug/L		89	58 - 117
Ethylbenzene	10.0	10.7		ug/L		107	83 - 112
2-Hexanone	20.0	20.0		ug/L		100	55 - 133
Methylene Chloride	10.0	11.2		ug/L		112	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.5		ug/L		103	63 - 128
Styrene	10.0	9.93		ug/L		99	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.68		ug/L		87	68 - 118
Tetrachloroethene	10.0	9.85		ug/L		99	79 - 114
Toluene	10.0	9.99		ug/L		100	84 - 111
Trichloroethene	10.0	9.99		ug/L		100	76 - 117
Vinyl chloride	10.0	10.6		ug/L		106	53 - 127
Xylenes, Total	30.0	33.2		ug/L		111	83 - 112

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-80879/4
Matrix: Water
Analysis Batch: 80879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	11.4		ug/L		114	74 - 118
1,1,2-Trichloroethane	10.0	9.54		ug/L		95	80 - 112
Cyclohexane	10.0	11.9		ug/L		119	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.65		ug/L		87	42 - 136
Ethylene Dibromide	10.0	10.1		ug/L		101	79 - 113
Dichlorodifluoromethane	10.0	8.95		ug/L		90	19 - 129
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 113
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	83 - 117
Isopropylbenzene	10.0	11.2		ug/L		112	75 - 114
Methyl acetate	10.0	11.1		ug/L		111	58 - 131
Methyl tert-butyl ether	10.0	10.8		ug/L		108	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	13.2		ug/L		132	74 - 151
1,2,4-Trichlorobenzene	10.0	8.44		ug/L		84	48 - 135
1,2-Dichlorobenzene	10.0	9.78		ug/L		98	81 - 110
1,3-Dichlorobenzene	10.0	9.62		ug/L		96	80 - 110
1,4-Dichlorobenzene	10.0	9.33		ug/L		93	82 - 110
Trichlorofluoromethane	10.0	11.2		ug/L		112	49 - 157
Chlorodibromomethane	10.0	8.33		ug/L		83	64 - 119
Methylcyclohexane	10.0	11.1		ug/L		111	56 - 127
m-Xylene & p-Xylene	20.0	22.1		ug/L		111	83 - 113
o-Xylene	10.0	11.1		ug/L		111	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*109*		*66 - 117*
Toluene-d8 (Surr)	*95*		*74 - 115*
Dibromofluoromethane (Surr)	*93*		*75 - 121*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

GC/MS VOA

Analysis Batch: 80819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-22640-2	WG-12616-032713-DN-02	Total/NA	Water	8260B	
240-22640-3	WG-12616-032713-DN-03	Total/NA	Water	8260B	
240-22640-4	WG-12616-032713-DN-04	Total/NA	Water	8260B	
240-22640-5	WG-12616-032713-DN-05	Total/NA	Water	8260B	
240-22640-6	WG-12616-032813-DN-06	Total/NA	Water	8260B	
240-22640-7	WG-12616-032813-DN-07	Total/NA	Water	8260B	
240-22640-8	WG-12616-032813-DN-08	Total/NA	Water	8260B	
240-22640-9	WG-12616-032813-DN-09	Total/NA	Water	8260B	
240-22640-10	WG-12616-032813-DN-10	Total/NA	Water	8260B	
240-22640-11	WG-12616-032813-DN-11	Total/NA	Water	8260B	
240-22640-12	WG-12616-032813-DN-12	Total/NA	Water	8260B	
240-22640-13	WG-12616-032813-DN-13	Total/NA	Water	8260B	
240-22640-14	WG-12616-032913-DN-14	Total/NA	Water	8260B	
240-22640-15	WG-12616-032913-DN-15	Total/NA	Water	8260B	
240-22640-16	WG-12616-032913-DN-16	Total/NA	Water	8260B	
240-22640-19	WG-12616-032913-DN-19	Total/NA	Water	8260B	
240-22640-20	WG-12616-032913-DN-20	Total/NA	Water	8260B	
240-22640-20 MS	WG-12616-032913-DN-20	Total/NA	Water	8260B	
240-22640-20 MSD	WG-12616-032913-DN-20	Total/NA	Water	8260B	
LCS 240-80819/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-80819/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 80879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-22640-1	WG-12616-032713-DN-01	Total/NA	Water	8260B	
240-22640-17	WG-12616-032913-DN-17	Total/NA	Water	8260B	
240-22640-18	WG-12616-032913-DN-18	Total/NA	Water	8260B	
LCS 240-80879/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-80879/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-032713-DN-01 — **Lab Sample ID: 240-22640-1**
Date Collected: 03/27/13 14:15 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80879	04/07/13 18:12	LE	TAL CAN

Client Sample ID: WG-12616-032713-DN-02 — **Lab Sample ID: 240-22640-2**
Date Collected: 03/27/13 15:20 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 01:00	LE	TAL CAN

Client Sample ID: WG-12616-032713-DN-03 — **Lab Sample ID: 240-22640-3**
Date Collected: 03/27/13 16:25 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 01:22	LE	TAL CAN

Client Sample ID: WG-12616-032713-DN-04 — **Lab Sample ID: 240-22640-4**
Date Collected: 03/27/13 17:20 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 01:44	LE	TAL CAN

Client Sample ID: WG-12616-032713-DN-05 — **Lab Sample ID: 240-22640-5**
Date Collected: 03/27/13 18:15 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 02:06	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-06 — **Lab Sample ID: 240-22640-6**
Date Collected: 03/28/13 11:55 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 02:29	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-07 — **Lab Sample ID: 240-22640-7**
Date Collected: 03/28/13 12:50 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 02:51	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-08 — **Lab Sample ID: 240-22640-8**
Date Collected: 03/28/13 14:15 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 03:13	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-09 — **Lab Sample ID: 240-22640-9**
Date Collected: 03/28/13 15:55 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 03:35	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-10 — **Lab Sample ID: 240-22640-10**
Date Collected: 03/28/13 16:30 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 03:58	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-11 — **Lab Sample ID: 240-22640-11**
Date Collected: 03/28/13 17:10 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 04:21	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-12 — **Lab Sample ID: 240-22640-12**
Date Collected: 03/28/13 17:45 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 04:43	LE	TAL CAN

Client Sample ID: WG-12616-032813-DN-13 — **Lab Sample ID: 240-22640-13**
Date Collected: 03/28/13 18:25 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 05:06	LE	TAL CAN

Client Sample ID: WG-12616-032913-DN-14 — **Lab Sample ID: 240-22640-14**
Date Collected: 03/29/13 11:45 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 05:28	LE	TAL CAN

Client Sample ID: WG-12616-032913-DN-15 — **Lab Sample ID: 240-22640-15**
Date Collected: 03/29/13 12:40 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 05:51	LE	TAL CAN

Client Sample ID: WG-12616-032913-DN-16 — **Lab Sample ID: 240-22640-16**
Date Collected: 03/29/13 13:20 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 06:13	LE	TAL CAN

Client Sample ID: WG-12616-032913-DN-17 — **Lab Sample ID: 240-22640-17**
Date Collected: 03/29/13 14:15 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80879	04/07/13 18:34	LE	TAL CAN

Client Sample ID: WG-12616-032913-DN-18 — **Lab Sample ID: 240-22640-18**
Date Collected: 03/29/13 15:05 — **Matrix: Water**
Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80879	04/07/13 18:56	LE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Client Sample ID: WG-12616-032913-DN-19

Lab Sample ID: 240-22640-19

Date Collected: 03/29/13 15:55

Matrix: Water

Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 09:39	LE	TAL CAN

Client Sample ID: WG-12616-032913-DN-20

Lab Sample ID: 240-22640-20

Date Collected: 03/29/13 16:50

Matrix: Water

Date Received: 03/30/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	80819	04/06/13 10:02	LE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22640-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVoie	3-29-13	006908
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hockler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER			
Contract/Purchase Order/Quote No.			
12616-T02			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): VOCs
WG-12616-032713-DN-01	3-27-13	1415		X						X			X
02		1520		X						X			X
03		1625		X						X			X
04		1720		X						X			X
05		1815		X						X			X
WG-12616-032813-DN-06	3-28-13	1168		X						X			X
07		1250		X						X			X
08		1415		X						X			X
09		1555		X						X			X
10		1630		X						X			X
11		1710		X						X			X
12		1745		X						X			X

Special Instructions/ Conditions of Receipt

240-22640 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	3-29-13	1830	1. Received By: [signature]	3/30/13	945
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	3-29-13	006902
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
1805 E. Perkins	419-309-1339		
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Sandusky	OH	44870	D. Newton	D. Hecklar
Project Name and Location (State)	**Carrier/Waybill Number**
Elyria RACER	
Contract/Purchase Order/Quote No.
12616-TO2

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	Special Instructions/ Conditions of Receipt
wg-12616-032813-DN-13	3-28-13	1825		X						X			X	
wg-12616-032913-DN-14	3-29-13	1145		X						X			X	
15		1240		X						X			X	
16		1320		X						X			X	
17		1415		X						X			X	
18		1505		X						X			X	
19		1555		X						X			X	
20		1650		X						X			X	MS/MSD

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	3-29-13	1830	1. Received By:	3/30/13	945
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 22640

Client CIRA Site Name _____ By: _____ (Signature)

Cooler Received on 3-30-13 Opened on 3-30-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF -2 °C) Observed Sample Temp. 4.9 °C Corrected Sample Temp. 4.4 °C

IR GUN# 4G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C ☐ Multiple on Back

IR GUN# 5G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

IR GUN# 8 (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were custody seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were custody seals on the bottle(s)?	Yes	(No)
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
7. Could all bottle labels be reconciled with the COC?	(Yes)	No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
9. Sufficient quantity received to perform indicated analyses?	(Yes)	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No (NA)
11. Were VOAs on the COC?	(Yes)	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	(No) NA
13. Was a trip blank present in the cooler(s)?	Yes	(No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-22797-1
Client Project/Site: 12616-T02-003, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
4/17/2013 9:37:47 AM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-22797-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-003, Racer Elyria

Report Number: 240-22797-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 04/04/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-12616-040113-DN-21 (240-22797-1), WG-12616-040113-DN-22 (240-22797-2), WG-12616-040113-DN-23 (240-22797-3), WG-12616-040113-DN-24 (240-22797-4), WG-12616-040113-DN-25 (240-22797-5), WG-12616-040113-DN-26 (240-22797-6), WG-12616-040213-DN-27 (240-22797-7), WG-12616-040213-DN-28 (240-22797-8), WG-12616-040213-DN-29 (240-22797-9), WG-12616-040213-DN-30 (240-22797-10), WG-12616-040213-DN-31 (240-22797-11), WG-12616-040213-DN-32 (240-22797-12), WG-12616-040213-DN-33 (240-22797-13), WG-12616-040213-DN-34 (240-22797-14), WG-12616-040213-DN-35 (240-22797-15), WG-12616-040313-DN-36 (240-22797-16), WG-12616-040313-DN-37 (240-22797-17), WG-12616-040313-DN-38 (240-22797-18), WG-12616-040313-DN-39 (240-22797-19), WG-12616-040313-DN-40 (240-22797-20), WG-12616-040313-DN-41 (240-22797-21), WG-12616-040313-DN-42 (240-22797-22), WG-12616-040313-DN-43 (240-22797-23), WG-12616-040313-DN-44 (240-22797-24), WG-12616-040313-DN-45 (240-22797-25), TB-12616-001 (240-22797-26) and RB-12616-040313-DN-46 (240-22797-27) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/09/2013, 04/10/2013 and 04/11/2013.

Methylene Chloride was detected in method blanks 240-81352/5, 240-81169/5, and 240-81471/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated

Job ID: 240-22797-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Trichloroethene failed the recovery criteria low for the MS/MSD of sample WG-12616-040113-DN-25(240-22797-5) in batch 240-81169.

Samples WG-12616-040113-DN-25 (240-22797-5)[12.5X], WG-12616-040213-DN-34 (240-22797-14)[2X], WG-12616-040313-DN-40 (240-22797-20)[5X], WG-12616-040313-DN-42 (240-22797-22)[5X] and WG-12616-040313-DN-43 (240-22797-23)[25X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-22797-1	WG-12616-040113-DN-21	Water	04/01/13 13:20	04/04/13 08:00
240-22797-2	WG-12616-040113-DN-22	Water	04/01/13 14:20	04/04/13 08:00
240-22797-3	WG-12616-040113-DN-23	Water	04/01/13 15:05	04/04/13 08:00
240-22797-4	WG-12616-040113-DN-24	Water	04/01/13 16:20	04/04/13 08:00
240-22797-5	WG-12616-040113-DN-25	Water	04/01/13 17:40	04/04/13 08:00
240-22797-6	WG-12616-040113-DN-26	Water	04/01/13 18:30	04/04/13 08:00
240-22797-7	WG-12616-040213-DN-27	Water	04/02/13 10:05	04/04/13 08:00
240-22797-8	WG-12616-040213-DN-28	Water	04/02/13 11:25	04/04/13 08:00
240-22797-9	WG-12616-040213-DN-29	Water	04/02/13 12:40	04/04/13 08:00
240-22797-10	WG-12616-040213-DN-30	Water	04/02/13 14:15	04/04/13 08:00
240-22797-11	WG-12616-040213-DN-31	Water	04/02/13 15:05	04/04/13 08:00
240-22797-12	WG-12616-040213-DN-32	Water	04/02/13 15:35	04/04/13 08:00
240-22797-13	WG-12616-040213-DN-33	Water	04/02/13 16:50	04/04/13 08:00
240-22797-14	WG-12616-040213-DN-34	Water	04/02/13 17:40	04/04/13 08:00
240-22797-15	WG-12616-040213-DN-35	Water	04/02/13 18:35	04/04/13 08:00
240-22797-16	WG-12616-040313-DN-36	Water	04/03/13 06:55	04/04/13 08:00
240-22797-17	WG-12616-040313-DN-37	Water	04/03/13 07:50	04/04/13 08:00
240-22797-18	WG-12616-040313-DN-38	Water	04/03/13 09:15	04/04/13 08:00
240-22797-19	WG-12616-040313-DN-39	Water	04/03/13 10:25	04/04/13 08:00
240-22797-20	WG-12616-040313-DN-40	Water	04/03/13 12:45	04/04/13 08:00
240-22797-21	WG-12616-040313-DN-41	Water	04/03/13 14:05	04/04/13 08:00
240-22797-22	WG-12616-040313-DN-42	Water	04/03/13 15:20	04/04/13 08:00
240-22797-23	WG-12616-040313-DN-43	Water	04/03/13 16:40	04/04/13 08:00
240-22797-24	WG-12616-040313-DN-44	Water	04/03/13 17:40	04/04/13 08:00
240-22797-25	WG-12616-040313-DN-45	Water	04/03/13 18:25	04/04/13 08:00
240-22797-26	TB-12616-001	Water	04/03/13 00:00	04/04/13 08:00
240-22797-27	RB-12616-040313-DN-46	Water	04/03/13 19:05	04/04/13 08:00

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-21 — Lab Sample ID: 240-22797-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040113-DN-22 — Lab Sample ID: 240-22797-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040113-DN-23 — Lab Sample ID: 240-22797-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.7	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040113-DN-24 — Lab Sample ID: 240-22797-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.41	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040113-DN-25 — Lab Sample ID: 240-22797-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	4.8	J	13	2.4	ug/L	12.5		8260B	Total/NA
Methylene Chloride	12	J B	13	4.1	ug/L	12.5		8260B	Total/NA
Trichloroethene	410		13	2.1	ug/L	12.5		8260B	Total/NA
Vinyl chloride	140		13	2.8	ug/L	12.5		8260B	Total/NA
cis-1,2-Dichloroethene	390		13	2.1	ug/L	12.5		8260B	Total/NA
trans-1,2-Dichloroethene	190		13	2.4	ug/L	12.5		8260B	Total/NA

Client Sample ID: WG-12616-040113-DN-26 — Lab Sample ID: 240-22797-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.26	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	0.45	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-27 — Lab Sample ID: 240-22797-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.26	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-28 — Lab Sample ID: 240-22797-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-29 — Lab Sample ID: 240-22797-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-29 (Continued) — Lab Sample ID: 240-22797-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	2.6		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-30 — Lab Sample ID: 240-22797-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.52	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.1		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-31 — Lab Sample ID: 240-22797-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.64	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-32 — Lab Sample ID: 240-22797-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	2.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.56	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-33 — Lab Sample ID: 240-22797-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-34 — Lab Sample ID: 240-22797-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J	20	2.2	ug/L	2		8260B	Total/NA
Vinyl chloride	1.0	J	2.0	0.44	ug/L	2		8260B	Total/NA
cis-1,2-Dichloroethene	59		2.0	0.34	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.4		2.0	0.38	ug/L	2		8260B	Total/NA

Client Sample ID: WG-12616-040213-DN-35 — Lab Sample ID: 240-22797-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-36 — Lab Sample ID: 240-22797-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-37 — Lab Sample ID: 240-22797-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-38 — Lab Sample ID: 240-22797-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.7	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-39 — Lab Sample ID: 240-22797-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-40 — Lab Sample ID: 240-22797-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.0	J B	5.0	1.7	ug/L	5		8260B	Total/NA
Vinyl chloride	190		5.0	1.1	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	170		5.0	0.85	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	16		5.0	0.95	ug/L	5		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-41 — Lab Sample ID: 240-22797-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.6	J	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	0.51	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	15		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	9.9		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.7		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-42 — Lab Sample ID: 240-22797-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7	J	5.0	0.75	ug/L	5		8260B	Total/NA
Trichloroethene	13		5.0	0.85	ug/L	5		8260B	Total/NA
Vinyl chloride	13		5.0	1.1	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	130		5.0	0.85	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	55		5.0	0.95	ug/L	5		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-43 — Lab Sample ID: 240-22797-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	12	J B	25	8.3	ug/L	25		8260B	Total/NA
Trichloroethene	490		25	4.3	ug/L	25		8260B	Total/NA
Vinyl chloride	29		25	5.5	ug/L	25		8260B	Total/NA
cis-1,2-Dichloroethene	780		25	4.3	ug/L	25		8260B	Total/NA
trans-1,2-Dichloroethene	73		25	4.8	ug/L	25		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-44 — Lab Sample ID: 240-22797-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	1.4		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.53	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-040313-DN-45 — Lab Sample ID: 240-22797-25

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-040313-DN-45 (Continued)

Lab Sample ID: 240-22797-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	0.79	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: TB-12616-001

Lab Sample ID: 240-22797-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.8	J	10	1.1	ug/L	1		8260B	Total/NA
Methylene Chloride	0.59	J B	1.0	0.33	ug/L	1		8260B	Total/NA

Client Sample ID: RB-12616-040313-DN-46

Lab Sample ID: 240-22797-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J	10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	0.83	J	10	0.57	ug/L	1		8260B	Total/NA
Chloroform	0.22	J	1.0	0.16	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-21
Date Collected: 04/01/13 13:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.8	J	10	1.1	ug/L			04/09/13 23:03	1
Benzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/09/13 23:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/09/13 23:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/09/13 23:03	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/09/13 23:03	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 23:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/09/13 23:03	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/09/13 23:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/09/13 23:03	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/09/13 23:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 23:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 23:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/09/13 23:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/09/13 23:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/09/13 23:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/09/13 23:03	1
2-Hexanone	10	U	10	0.41	ug/L			04/09/13 23:03	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/09/13 23:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/09/13 23:03	1
Styrene	1.0	U	1.0	0.11	ug/L			04/09/13 23:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/09/13 23:03	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/09/13 23:03	1
Toluene	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 23:03	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/09/13 23:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/09/13 23:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 23:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/09/13 23:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/09/13 23:03	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/09/13 23:03	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/09/13 23:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/09/13 23:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 23:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 23:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
Methyl acetate	10	U	10	0.38	ug/L			04/09/13 23:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/09/13 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/09/13 23:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 23:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/09/13 23:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/09/13 23:03	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/09/13 23:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/09/13 23:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-21
Date Collected: 04/01/13 13:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		04/09/13 23:03	1
4-Bromofluorobenzene (Surr)	83		66 - 117		04/09/13 23:03	1
Toluene-d8 (Surr)	84		74 - 115		04/09/13 23:03	1
Dibromofluoromethane (Surr)	87		75 - 121		04/09/13 23:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-22
Date Collected: 04/01/13 14:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			04/09/13 23:25	1
Benzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/09/13 23:25	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/09/13 23:25	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/09/13 23:25	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/09/13 23:25	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 23:25	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/09/13 23:25	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/09/13 23:25	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/09/13 23:25	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/09/13 23:25	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 23:25	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 23:25	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/09/13 23:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/09/13 23:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/09/13 23:25	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/09/13 23:25	1
2-Hexanone	10	U	10	0.41	ug/L			04/09/13 23:25	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/09/13 23:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/09/13 23:25	1
Styrene	1.0	U	1.0	0.11	ug/L			04/09/13 23:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/09/13 23:25	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/09/13 23:25	1
Toluene	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 23:25	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/09/13 23:25	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/09/13 23:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 23:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/09/13 23:25	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/09/13 23:25	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/09/13 23:25	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/09/13 23:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/09/13 23:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 23:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 23:25	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
Methyl acetate	10	U	10	0.38	ug/L			04/09/13 23:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/09/13 23:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/09/13 23:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 23:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/09/13 23:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/09/13 23:25	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/09/13 23:25	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/09/13 23:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-22
Date Collected: 04/01/13 14:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		04/09/13 23:25	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/09/13 23:25	1
Toluene-d8 (Surr)	84		74 - 115		04/09/13 23:25	1
Dibromofluoromethane (Surr)	92		75 - 121		04/09/13 23:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-23
Date Collected: 04/01/13 15:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.7	J	10	1.1	ug/L			04/09/13 23:47	1
Benzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/09/13 23:47	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/09/13 23:47	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/09/13 23:47	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/09/13 23:47	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 23:47	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/09/13 23:47	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/09/13 23:47	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/09/13 23:47	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/09/13 23:47	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 23:47	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 23:47	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/09/13 23:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/09/13 23:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/09/13 23:47	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/09/13 23:47	1
2-Hexanone	10	U	10	0.41	ug/L			04/09/13 23:47	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/09/13 23:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/09/13 23:47	1
Styrene	1.0	U	1.0	0.11	ug/L			04/09/13 23:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/09/13 23:47	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/09/13 23:47	1
Toluene	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 23:47	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/09/13 23:47	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/09/13 23:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 23:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/09/13 23:47	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/09/13 23:47	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/09/13 23:47	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/09/13 23:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/09/13 23:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 23:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 23:47	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
Methyl acetate	10	U	10	0.38	ug/L			04/09/13 23:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/09/13 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/09/13 23:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 23:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/09/13 23:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/09/13 23:47	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/09/13 23:47	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/09/13 23:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-23
Date Collected: 04/01/13 15:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		04/09/13 23:47	1
4-Bromofluorobenzene (Surr)	83		66 - 117		04/09/13 23:47	1
Toluene-d8 (Surr)	87		74 - 115		04/09/13 23:47	1
Dibromofluoromethane (Surr)	96		75 - 121		04/09/13 23:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-24
Date Collected: 04/01/13 16:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.5**	**J**	10	1.1	ug/L			04/10/13 00:09	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 00:09	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 00:09	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 00:09	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 00:09	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 00:09	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 00:09	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 00:09	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 00:09	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 00:09	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 00:09	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 00:09	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 00:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 00:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 00:09	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 00:09	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 00:09	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 00:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 00:09	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 00:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 00:09	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 00:09	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 00:09	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 00:09	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 00:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 00:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 00:09	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 00:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 00:09	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 00:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 00:09	1
cis-1,2-Dichloroethene	**0.41**	**J**	1.0	0.17	ug/L			04/10/13 00:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 00:09	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 00:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 00:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 00:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 00:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 00:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 00:09	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 00:09	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 00:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-24
Date Collected: 04/01/13 16:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/10/13 00:09	1
4-Bromofluorobenzene (Surr)	82		66 - 117		04/10/13 00:09	1
Toluene-d8 (Surr)	84		74 - 115		04/10/13 00:09	1
Dibromofluoromethane (Surr)	93		75 - 121		04/10/13 00:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-25
Date Collected: 04/01/13 17:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	130	U	130	14	ug/L			04/10/13 00:32	12.5
Benzene	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
Dichlorobromomethane	13	U	13	1.9	ug/L			04/10/13 00:32	12.5
Bromoform	13	U	13	8.0	ug/L			04/10/13 00:32	12.5
Bromomethane	13	U	13	5.1	ug/L			04/10/13 00:32	12.5
2-Butanone (MEK)	130	U	130	7.1	ug/L			04/10/13 00:32	12.5
Carbon disulfide	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
Carbon tetrachloride	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
Chlorobenzene	13	U	13	1.9	ug/L			04/10/13 00:32	12.5
Chloroethane	13	U	13	3.6	ug/L			04/10/13 00:32	12.5
Chloroform	13	U	13	2.0	ug/L			04/10/13 00:32	12.5
Chloromethane	13	U	13	3.8	ug/L			04/10/13 00:32	12.5
1,1-Dichloroethane	13	U	13	1.9	ug/L			04/10/13 00:32	12.5
1,2-Dichloroethane	13	U	13	2.8	ug/L			04/10/13 00:32	12.5
1,1-Dichloroethene	**4.8**	**J**	13	2.4	ug/L			04/10/13 00:32	12.5
1,2-Dichloropropane	13	U	13	2.3	ug/L			04/10/13 00:32	12.5
cis-1,3-Dichloropropene	13	U	13	1.8	ug/L			04/10/13 00:32	12.5
trans-1,3-Dichloropropene	13	U	13	2.4	ug/L			04/10/13 00:32	12.5
Ethylbenzene	13	U	13	2.1	ug/L			04/10/13 00:32	12.5
2-Hexanone	130	U	130	5.1	ug/L			04/10/13 00:32	12.5
Methylene Chloride	**12**	**J B**	13	4.1	ug/L			04/10/13 00:32	12.5
4-Methyl-2-pentanone (MIBK)	130	U	130	4.0	ug/L			04/10/13 00:32	12.5
Styrene	13	U	13	1.4	ug/L			04/10/13 00:32	12.5
1,1,2,2-Tetrachloroethane	13	U	13	2.3	ug/L			04/10/13 00:32	12.5
Tetrachloroethene	13	U	13	3.6	ug/L			04/10/13 00:32	12.5
Toluene	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
Trichloroethene	**410**		13	2.1	ug/L			04/10/13 00:32	12.5
Vinyl chloride	**140**		13	2.8	ug/L			04/10/13 00:32	12.5
Xylenes, Total	25	U	25	3.5	ug/L			04/10/13 00:32	12.5
1,1,1-Trichloroethane	13	U	13	2.8	ug/L			04/10/13 00:32	12.5
1,1,2-Trichloroethane	13	U	13	3.4	ug/L			04/10/13 00:32	12.5
Cyclohexane	13	U	13	1.5	ug/L			04/10/13 00:32	12.5
1,2-Dibromo-3-Chloropropane	25	U	25	8.4	ug/L			04/10/13 00:32	12.5
Ethylene Dibromide	13	U	13	3.0	ug/L			04/10/13 00:32	12.5
Dichlorodifluoromethane	13	U	13	3.9	ug/L			04/10/13 00:32	12.5
cis-1,2-Dichloroethene	**390**		13	2.1	ug/L			04/10/13 00:32	12.5
trans-1,2-Dichloroethene	**190**		13	2.4	ug/L			04/10/13 00:32	12.5
Isopropylbenzene	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
Methyl acetate	130	U	130	4.8	ug/L			04/10/13 00:32	12.5
Methyl tert-butyl ether	13	U	13	2.1	ug/L			04/10/13 00:32	12.5
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	3.5	ug/L			04/10/13 00:32	12.5
1,2,4-Trichlorobenzene	13	U	13	1.9	ug/L			04/10/13 00:32	12.5
1,2-Dichlorobenzene	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
1,3-Dichlorobenzene	13	U	13	1.8	ug/L			04/10/13 00:32	12.5
1,4-Dichlorobenzene	13	U	13	1.6	ug/L			04/10/13 00:32	12.5
Trichlorofluoromethane	13	U	13	2.6	ug/L			04/10/13 00:32	12.5
Chlorodibromomethane	13	U	13	2.3	ug/L			04/10/13 00:32	12.5
Methylcyclohexane	13	U	13	1.6	ug/L			04/10/13 00:32	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-25
Date Collected: 04/01/13 17:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		04/10/13 00:32	12.5
4-Bromofluorobenzene (Surr)	83		66 - 117		04/10/13 00:32	12.5
Toluene-d8 (Surr)	85		74 - 115		04/10/13 00:32	12.5
Dibromofluoromethane (Surr)	93		75 - 121		04/10/13 00:32	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-26
Date Collected: 04/01/13 18:30
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/10/13 01:38	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 01:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 01:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 01:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 01:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 01:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 01:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 01:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 01:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 01:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 01:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 01:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 01:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 01:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 01:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 01:38	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 01:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 01:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 01:38	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 01:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 01:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 01:38	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
Trichloroethene	**0.26**	**J**	1.0	0.17	ug/L			04/10/13 01:38	1
Vinyl chloride	**0.45**	**J**	1.0	0.22	ug/L			04/10/13 01:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 01:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 01:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 01:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 01:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 01:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 01:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 01:38	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.17	ug/L			04/10/13 01:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 01:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 01:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 01:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 01:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 01:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 01:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 01:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 01:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040113-DN-26
Date Collected: 04/01/13 18:30
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/10/13 01:38	1
4-Bromofluorobenzene (Surr)	89		66 - 117		04/10/13 01:38	1
Toluene-d8 (Surr)	88		74 - 115		04/10/13 01:38	1
Dibromofluoromethane (Surr)	90		75 - 121		04/10/13 01:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-27
Date Collected: 04/02/13 10:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.1**	**J**	10	1.1	ug/L			04/10/13 02:00	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 02:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 02:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 02:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 02:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 02:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 02:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 02:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 02:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 02:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 02:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 02:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 02:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 02:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 02:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 02:00	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 02:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 02:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 02:00	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 02:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 02:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 02:00	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 02:00	1
Vinyl chloride	**0.26**	**J**	1.0	0.22	ug/L			04/10/13 02:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 02:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 02:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 02:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 02:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 02:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 02:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 02:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 02:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 02:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 02:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 02:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 02:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 02:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 02:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 02:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 02:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 02:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-27
Date Collected: 04/02/13 10:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/10/13 02:00	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/10/13 02:00	1
Toluene-d8 (Surr)	86		74 - 115		04/10/13 02:00	1
Dibromofluoromethane (Surr)	88		75 - 121		04/10/13 02:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-28
Date Collected: 04/02/13 11:25
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.1	J	10	1.1	ug/L			04/10/13 02:23	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 02:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 02:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 02:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 02:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 02:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 02:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 02:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 02:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 02:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 02:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 02:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 02:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 02:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 02:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 02:23	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 02:23	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 02:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 02:23	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 02:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 02:23	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 02:23	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 02:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 02:23	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 02:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 02:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 02:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 02:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 02:23	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 02:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 02:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 02:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 02:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 02:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 02:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 02:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 02:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 02:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 02:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 02:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-28
Date Collected: 04/02/13 11:25
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/10/13 02:23	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/10/13 02:23	1
Toluene-d8 (Surr)	86		74 - 115		04/10/13 02:23	1
Dibromofluoromethane (Surr)	92		75 - 121		04/10/13 02:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-29
Date Collected: 04/02/13 12:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.1**	**J**	10	1.1	ug/L			04/10/13 02:45	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 02:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 02:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 02:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 02:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 02:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 02:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 02:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 02:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 02:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 02:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 02:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 02:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 02:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 02:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 02:45	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 02:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 02:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 02:45	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 02:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 02:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 02:45	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 02:45	1
Vinyl chloride	**2.6**		1.0	0.22	ug/L			04/10/13 02:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 02:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 02:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 02:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 02:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 02:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 02:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 02:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 02:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 02:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 02:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 02:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 02:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 02:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 02:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 02:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 02:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 02:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-29
Date Collected: 04/02/13 12:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		04/10/13 02:45	1
4-Bromofluorobenzene (Surr)	91		66 - 117		04/10/13 02:45	1
Toluene-d8 (Surr)	86		74 - 115		04/10/13 02:45	1
Dibromofluoromethane (Surr)	97		75 - 121		04/10/13 02:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-30
Date Collected: 04/02/13 14:15
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.9**	**J**	10	1.1	ug/L			04/10/13 03:07	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 03:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 03:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 03:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 03:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 03:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 03:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 03:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 03:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 03:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 03:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 03:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 03:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 03:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 03:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 03:07	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 03:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 03:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 03:07	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 03:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 03:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 03:07	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 03:07	1
Vinyl chloride	**0.52**	**J**	1.0	0.22	ug/L			04/10/13 03:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 03:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 03:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 03:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 03:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 03:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 03:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 03:07	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.17	ug/L			04/10/13 03:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 03:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 03:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 03:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 03:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 03:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 03:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 03:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 03:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 03:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-30
Date Collected: 04/02/13 14:15
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		04/10/13 03:07	1
4-Bromofluorobenzene (Surr)	84		66 - 117		04/10/13 03:07	1
Toluene-d8 (Surr)	87		74 - 115		04/10/13 03:07	1
Dibromofluoromethane (Surr)	91		75 - 121		04/10/13 03:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-31
Date Collected: 04/02/13 15:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.8**	**J**	10	1.1	ug/L			04/10/13 03:29	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 03:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 03:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 03:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 03:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 03:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 03:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 03:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 03:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 03:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 03:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 03:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 03:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 03:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 03:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 03:29	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 03:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 03:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 03:29	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 03:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 03:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 03:29	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 03:29	1
Vinyl chloride	**0.64**	**J**	1.0	0.22	ug/L			04/10/13 03:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 03:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 03:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 03:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 03:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 03:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 03:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 03:29	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.17	ug/L			04/10/13 03:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 03:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 03:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 03:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 03:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 03:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 03:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 03:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 03:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 03:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-31
Date Collected: 04/02/13 15:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		04/10/13 03:29	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/10/13 03:29	1
Toluene-d8 (Surr)	86		74 - 115		04/10/13 03:29	1
Dibromofluoromethane (Surr)	92		75 - 121		04/10/13 03:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-32
Date Collected: 04/02/13 15:35
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/10/13 03:52	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 03:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 03:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 03:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 03:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 03:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 03:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 03:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 03:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 03:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 03:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 03:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 03:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 03:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 03:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 03:52	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 03:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 03:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 03:52	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 03:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 03:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 03:52	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 03:52	1
Vinyl chloride	**2.1**		1.0	0.22	ug/L			04/10/13 03:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 03:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 03:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 03:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 03:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 03:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 03:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 03:52	1
cis-1,2-Dichloroethene	**0.56**	**J**	1.0	0.17	ug/L			04/10/13 03:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 03:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 03:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 03:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 03:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 03:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 03:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 03:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 03:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 03:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-32
Date Collected: 04/02/13 15:35
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/10/13 03:52	1
4-Bromofluorobenzene (Surr)	82		66 - 117		04/10/13 03:52	1
Toluene-d8 (Surr)	87		74 - 115		04/10/13 03:52	1
Dibromofluoromethane (Surr)	89		75 - 121		04/10/13 03:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-33
Date Collected: 04/02/13 16:50
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.0	J	10	1.1	ug/L			04/10/13 22:50	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 22:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 22:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 22:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 22:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 22:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 22:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 22:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 22:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 22:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 22:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 22:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 22:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 22:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 22:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 22:50	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 22:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 22:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 22:50	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 22:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 22:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 22:50	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 22:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 22:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 22:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 22:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 22:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 22:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 22:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 22:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 22:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 22:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 22:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 22:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 22:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 22:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 22:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 22:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 22:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 22:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-33
Date Collected: 04/02/13 16:50
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/10/13 22:50	1
4-Bromofluorobenzene (Surr)	84		66 - 117		04/10/13 22:50	1
Toluene-d8 (Surr)	84		74 - 115		04/10/13 22:50	1
Dibromofluoromethane (Surr)	89		75 - 121		04/10/13 22:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-34
Date Collected: 04/02/13 17:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.6**	**J**	20	2.2	ug/L			04/11/13 15:52	2
Benzene	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
Dichlorobromomethane	2.0	U	2.0	0.30	ug/L			04/11/13 15:52	2
Bromoform	2.0	U	2.0	1.3	ug/L			04/11/13 15:52	2
Bromomethane	2.0	U	2.0	0.82	ug/L			04/11/13 15:52	2
2-Butanone (MEK)	20	U	20	1.1	ug/L			04/11/13 15:52	2
Carbon disulfide	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
Carbon tetrachloride	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
Chlorobenzene	2.0	U	2.0	0.30	ug/L			04/11/13 15:52	2
Chloroethane	2.0	U	2.0	0.58	ug/L			04/11/13 15:52	2
Chloroform	2.0	U	2.0	0.32	ug/L			04/11/13 15:52	2
Chloromethane	2.0	U	2.0	0.60	ug/L			04/11/13 15:52	2
1,1-Dichloroethane	2.0	U	2.0	0.30	ug/L			04/11/13 15:52	2
1,2-Dichloroethane	2.0	U	2.0	0.44	ug/L			04/11/13 15:52	2
1,1-Dichloroethene	2.0	U	2.0	0.38	ug/L			04/11/13 15:52	2
1,2-Dichloropropane	2.0	U	2.0	0.36	ug/L			04/11/13 15:52	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.28	ug/L			04/11/13 15:52	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.38	ug/L			04/11/13 15:52	2
Ethylbenzene	2.0	U	2.0	0.34	ug/L			04/11/13 15:52	2
2-Hexanone	20	U	20	0.82	ug/L			04/11/13 15:52	2
Methylene Chloride	2.0	U	2.0	0.66	ug/L			04/11/13 15:52	2
4-Methyl-2-pentanone (MIBK)	20	U	20	0.64	ug/L			04/11/13 15:52	2
Styrene	2.0	U	2.0	0.22	ug/L			04/11/13 15:52	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.36	ug/L			04/11/13 15:52	2
Tetrachloroethene	2.0	U	2.0	0.58	ug/L			04/11/13 15:52	2
Toluene	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
Trichloroethene	2.0	U	2.0	0.34	ug/L			04/11/13 15:52	2
Vinyl chloride	**1.0**	**J**	2.0	0.44	ug/L			04/11/13 15:52	2
Xylenes, Total	4.0	U	4.0	0.56	ug/L			04/11/13 15:52	2
1,1,1-Trichloroethane	2.0	U	2.0	0.44	ug/L			04/11/13 15:52	2
1,1,2-Trichloroethane	2.0	U	2.0	0.54	ug/L			04/11/13 15:52	2
Cyclohexane	2.0	U	2.0	0.24	ug/L			04/11/13 15:52	2
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.3	ug/L			04/11/13 15:52	2
Ethylene Dibromide	2.0	U	2.0	0.48	ug/L			04/11/13 15:52	2
Dichlorodifluoromethane	2.0	U	2.0	0.62	ug/L			04/11/13 15:52	2
cis-1,2-Dichloroethene	**59**		2.0	0.34	ug/L			04/11/13 15:52	2
trans-1,2-Dichloroethene	**3.4**		2.0	0.38	ug/L			04/11/13 15:52	2
Isopropylbenzene	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
Methyl acetate	20	U	20	0.76	ug/L			04/11/13 15:52	2
Methyl tert-butyl ether	2.0	U	2.0	0.34	ug/L			04/11/13 15:52	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.56	ug/L			04/11/13 15:52	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.30	ug/L			04/11/13 15:52	2
1,2-Dichlorobenzene	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
1,3-Dichlorobenzene	2.0	U	2.0	0.28	ug/L			04/11/13 15:52	2
1,4-Dichlorobenzene	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2
Trichlorofluoromethane	2.0	U	2.0	0.42	ug/L			04/11/13 15:52	2
Chlorodibromomethane	2.0	U	2.0	0.36	ug/L			04/11/13 15:52	2
Methylcyclohexane	2.0	U	2.0	0.26	ug/L			04/11/13 15:52	2

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-34
Date Collected: 04/02/13 17:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		04/11/13 15:52	2
4-Bromofluorobenzene (Surr)	80		66 - 117		04/11/13 15:52	2
Toluene-d8 (Surr)	87		74 - 115		04/11/13 15:52	2
Dibromofluoromethane (Surr)	96		75 - 121		04/11/13 15:52	2

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-35
Date Collected: 04/02/13 18:35
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.8	J	10	1.1	ug/L			04/10/13 23:12	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 23:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 23:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 23:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 23:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 23:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 23:12	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 23:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 23:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 23:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 23:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 23:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 23:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 23:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 23:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 23:12	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 23:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 23:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 23:12	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 23:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 23:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 23:12	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 23:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 23:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 23:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 23:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 23:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 23:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 23:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 23:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 23:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 23:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 23:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 23:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 23:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 23:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 23:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 23:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 23:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 23:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 23:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040213-DN-35
Date Collected: 04/02/13 18:35
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/10/13 23:12	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/10/13 23:12	1
Toluene-d8 (Surr)	88		74 - 115		04/10/13 23:12	1
Dibromofluoromethane (Surr)	92		75 - 121		04/10/13 23:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-36
Date Collected: 04/03/13 06:55
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			04/10/13 23:34	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 23:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 23:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 23:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 23:34	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 23:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 23:34	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 23:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 23:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 23:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 23:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 23:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 23:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 23:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 23:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 23:34	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 23:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 23:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 23:34	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 23:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 23:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 23:34	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 23:34	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 23:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 23:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 23:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 23:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 23:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 23:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 23:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 23:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 23:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 23:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 23:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 23:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 23:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 23:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 23:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 23:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 23:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 23:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-36
Date Collected: 04/03/13 06:55
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		04/10/13 23:34	1
4-Bromofluorobenzene (Surr)	89		66 - 117		04/10/13 23:34	1
Toluene-d8 (Surr)	85		74 - 115		04/10/13 23:34	1
Dibromofluoromethane (Surr)	92		75 - 121		04/10/13 23:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-37
Date Collected: 04/03/13 07:50
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.3	J	10	1.1	ug/L			04/10/13 23:56	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 23:56	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 23:56	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 23:56	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 23:56	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 23:56	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 23:56	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 23:56	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 23:56	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 23:56	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 23:56	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 23:56	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 23:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 23:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 23:56	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 23:56	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 23:56	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/10/13 23:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 23:56	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 23:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 23:56	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 23:56	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 23:56	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 23:56	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 23:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 23:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 23:56	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 23:56	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 23:56	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 23:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 23:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 23:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 23:56	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 23:56	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 23:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 23:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 23:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 23:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 23:56	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 23:56	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 23:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-37
Date Collected: 04/03/13 07:50
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		04/10/13 23:56	1
4-Bromofluorobenzene (Surr)	88		66 - 117		04/10/13 23:56	1
Toluene-d8 (Surr)	84		74 - 115		04/10/13 23:56	1
Dibromofluoromethane (Surr)	90		75 - 121		04/10/13 23:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-38
Date Collected: 04/03/13 09:15
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.7	J	10	1.1	ug/L			04/11/13 00:19	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 00:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 00:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 00:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 00:19	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 00:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 00:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 00:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 00:19	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 00:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 00:19	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 00:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 00:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 00:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 00:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 00:19	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 00:19	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/11/13 00:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 00:19	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 00:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 00:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 00:19	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 00:19	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 00:19	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 00:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 00:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 00:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 00:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 00:19	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 00:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 00:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 00:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 00:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 00:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 00:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 00:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 00:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 00:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 00:19	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 00:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 00:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-38
Date Collected: 04/03/13 09:15
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		04/11/13 00:19	1
4-Bromofluorobenzene (Surr)	84		66 - 117		04/11/13 00:19	1
Toluene-d8 (Surr)	86		74 - 115		04/11/13 00:19	1
Dibromofluoromethane (Surr)	91		75 - 121		04/11/13 00:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-39
Date Collected: 04/03/13 10:25
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	J	10	1.1	ug/L			04/11/13 00:41	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 00:41	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 00:41	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 00:41	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 00:41	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 00:41	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 00:41	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 00:41	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 00:41	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 00:41	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 00:41	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 00:41	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 00:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 00:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 00:41	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 00:41	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 00:41	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/11/13 00:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 00:41	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 00:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 00:41	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 00:41	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 00:41	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 00:41	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 00:41	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 00:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 00:41	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 00:41	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 00:41	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 00:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 00:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 00:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 00:41	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 00:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 00:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 00:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 00:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 00:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 00:41	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 00:41	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 00:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-39
Date Collected: 04/03/13 10:25
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		04/11/13 00:41	1
4-Bromofluorobenzene (Surr)	89		66 - 117		04/11/13 00:41	1
Toluene-d8 (Surr)	81		74 - 115		04/11/13 00:41	1
Dibromofluoromethane (Surr)	97		75 - 121		04/11/13 00:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-40
Date Collected: 04/03/13 12:45
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	5.5	ug/L			04/11/13 01:03	5
Benzene	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
Dichlorobromomethane	5.0	U	5.0	0.75	ug/L			04/11/13 01:03	5
Bromoform	5.0	U	5.0	3.2	ug/L			04/11/13 01:03	5
Bromomethane	5.0	U	5.0	2.1	ug/L			04/11/13 01:03	5
2-Butanone (MEK)	50	U	50	2.9	ug/L			04/11/13 01:03	5
Carbon disulfide	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
Carbon tetrachloride	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
Chlorobenzene	5.0	U	5.0	0.75	ug/L			04/11/13 01:03	5
Chloroethane	5.0	U	5.0	1.5	ug/L			04/11/13 01:03	5
Chloroform	5.0	U	5.0	0.80	ug/L			04/11/13 01:03	5
Chloromethane	5.0	U	5.0	1.5	ug/L			04/11/13 01:03	5
1,1-Dichloroethane	5.0	U	5.0	0.75	ug/L			04/11/13 01:03	5
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/L			04/11/13 01:03	5
1,1-Dichloroethene	5.0	U	5.0	0.95	ug/L			04/11/13 01:03	5
1,2-Dichloropropane	5.0	U	5.0	0.90	ug/L			04/11/13 01:03	5
cis-1,3-Dichloropropene	5.0	U	5.0	0.70	ug/L			04/11/13 01:03	5
trans-1,3-Dichloropropene	5.0	U	5.0	0.95	ug/L			04/11/13 01:03	5
Ethylbenzene	5.0	U	5.0	0.85	ug/L			04/11/13 01:03	5
2-Hexanone	50	U	50	2.1	ug/L			04/11/13 01:03	5
Methylene Chloride	**3.0**	**J B**	5.0	1.7	ug/L			04/11/13 01:03	5
4-Methyl-2-pentanone (MIBK)	50	U	50	1.6	ug/L			04/11/13 01:03	5
Styrene	5.0	U	5.0	0.55	ug/L			04/11/13 01:03	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.90	ug/L			04/11/13 01:03	5
Tetrachloroethene	5.0	U	5.0	1.5	ug/L			04/11/13 01:03	5
Toluene	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
Trichloroethene	5.0	U	5.0	0.85	ug/L			04/11/13 01:03	5
Vinyl chloride	**190**		5.0	1.1	ug/L			04/11/13 01:03	5
Xylenes, Total	10	U	10	1.4	ug/L			04/11/13 01:03	5
1,1,1-Trichloroethane	5.0	U	5.0	1.1	ug/L			04/11/13 01:03	5
1,1,2-Trichloroethane	5.0	U	5.0	1.4	ug/L			04/11/13 01:03	5
Cyclohexane	5.0	U	5.0	0.60	ug/L			04/11/13 01:03	5
1,2-Dibromo-3-Chloropropane	10	U	10	3.4	ug/L			04/11/13 01:03	5
Ethylene Dibromide	5.0	U	5.0	1.2	ug/L			04/11/13 01:03	5
Dichlorodifluoromethane	5.0	U	5.0	1.6	ug/L			04/11/13 01:03	5
cis-1,2-Dichloroethene	**170**		5.0	0.85	ug/L			04/11/13 01:03	5
trans-1,2-Dichloroethene	**16**		5.0	0.95	ug/L			04/11/13 01:03	5
Isopropylbenzene	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
Methyl acetate	50	U	50	1.9	ug/L			04/11/13 01:03	5
Methyl tert-butyl ether	5.0	U	5.0	0.85	ug/L			04/11/13 01:03	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.4	ug/L			04/11/13 01:03	5
1,2,4-Trichlorobenzene	5.0	U	5.0	0.75	ug/L			04/11/13 01:03	5
1,2-Dichlorobenzene	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
1,3-Dichlorobenzene	5.0	U	5.0	0.70	ug/L			04/11/13 01:03	5
1,4-Dichlorobenzene	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5
Trichlorofluoromethane	5.0	U	5.0	1.1	ug/L			04/11/13 01:03	5
Chlorodibromomethane	5.0	U	5.0	0.90	ug/L			04/11/13 01:03	5
Methylcyclohexane	5.0	U	5.0	0.65	ug/L			04/11/13 01:03	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-40
Date Collected: 04/03/13 12:45
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		04/11/13 01:03	5
4-Bromofluorobenzene (Surr)	90		66 - 117		04/11/13 01:03	5
Toluene-d8 (Surr)	85		74 - 115		04/11/13 01:03	5
Dibromofluoromethane (Surr)	96		75 - 121		04/11/13 01:03	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-41
Date Collected: 04/03/13 14:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.6**	**J**	10	1.1	ug/L			04/11/13 02:10	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 02:10	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 02:10	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 02:10	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 02:10	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 02:10	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 02:10	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 02:10	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 02:10	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 02:10	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 02:10	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 02:10	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 02:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 02:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 02:10	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 02:10	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 02:10	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/11/13 02:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 02:10	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 02:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 02:10	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 02:10	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
Trichloroethene	**0.51**	**J**	1.0	0.17	ug/L			04/11/13 02:10	1
Vinyl chloride	**15**		1.0	0.22	ug/L			04/11/13 02:10	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 02:10	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 02:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 02:10	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 02:10	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 02:10	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 02:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 02:10	1
cis-1,2-Dichloroethene	**9.9**		1.0	0.17	ug/L			04/11/13 02:10	1
trans-1,2-Dichloroethene	**2.7**		1.0	0.19	ug/L			04/11/13 02:10	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 02:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 02:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 02:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 02:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 02:10	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 02:10	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 02:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-41
Date Collected: 04/03/13 14:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/11/13 02:10	1
4-Bromofluorobenzene (Surr)	85		66 - 117		04/11/13 02:10	1
Toluene-d8 (Surr)	88		74 - 115		04/11/13 02:10	1
Dibromofluoromethane (Surr)	93		75 - 121		04/11/13 02:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-42
Date Collected: 04/03/13 15:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	5.5	ug/L			04/11/13 16:14	5
Benzene	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
Dichlorobromomethane	5.0	U	5.0	0.75	ug/L			04/11/13 16:14	5
Bromoform	5.0	U	5.0	3.2	ug/L			04/11/13 16:14	5
Bromomethane	5.0	U	5.0	2.1	ug/L			04/11/13 16:14	5
2-Butanone (MEK)	50	U	50	2.9	ug/L			04/11/13 16:14	5
Carbon disulfide	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
Carbon tetrachloride	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
Chlorobenzene	5.0	U	5.0	0.75	ug/L			04/11/13 16:14	5
Chloroethane	5.0	U	5.0	1.5	ug/L			04/11/13 16:14	5
Chloroform	5.0	U	5.0	0.80	ug/L			04/11/13 16:14	5
Chloromethane	5.0	U	5.0	1.5	ug/L			04/11/13 16:14	5
1,1-Dichloroethane	**1.7**	**J**	5.0	0.75	ug/L			04/11/13 16:14	5
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/L			04/11/13 16:14	5
1,1-Dichloroethene	5.0	U	5.0	0.95	ug/L			04/11/13 16:14	5
1,2-Dichloropropane	5.0	U	5.0	0.90	ug/L			04/11/13 16:14	5
cis-1,3-Dichloropropene	5.0	U	5.0	0.70	ug/L			04/11/13 16:14	5
trans-1,3-Dichloropropene	5.0	U	5.0	0.95	ug/L			04/11/13 16:14	5
Ethylbenzene	5.0	U	5.0	0.85	ug/L			04/11/13 16:14	5
2-Hexanone	50	U	50	2.1	ug/L			04/11/13 16:14	5
Methylene Chloride	5.0	U	5.0	1.7	ug/L			04/11/13 16:14	5
4-Methyl-2-pentanone (MIBK)	50	U	50	1.6	ug/L			04/11/13 16:14	5
Styrene	5.0	U	5.0	0.55	ug/L			04/11/13 16:14	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.90	ug/L			04/11/13 16:14	5
Tetrachloroethene	5.0	U	5.0	1.5	ug/L			04/11/13 16:14	5
Toluene	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
Trichloroethene	**13**		5.0	0.85	ug/L			04/11/13 16:14	5
Vinyl chloride	**13**		5.0	1.1	ug/L			04/11/13 16:14	5
Xylenes, Total	10	U	10	1.4	ug/L			04/11/13 16:14	5
1,1,1-Trichloroethane	5.0	U	5.0	1.1	ug/L			04/11/13 16:14	5
1,1,2-Trichloroethane	5.0	U	5.0	1.4	ug/L			04/11/13 16:14	5
Cyclohexane	5.0	U	5.0	0.60	ug/L			04/11/13 16:14	5
1,2-Dibromo-3-Chloropropane	10	U	10	3.4	ug/L			04/11/13 16:14	5
Ethylene Dibromide	5.0	U	5.0	1.2	ug/L			04/11/13 16:14	5
Dichlorodifluoromethane	5.0	U	5.0	1.6	ug/L			04/11/13 16:14	5
cis-1,2-Dichloroethene	**130**		5.0	0.85	ug/L			04/11/13 16:14	5
trans-1,2-Dichloroethene	**55**		5.0	0.95	ug/L			04/11/13 16:14	5
Isopropylbenzene	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
Methyl acetate	50	U	50	1.9	ug/L			04/11/13 16:14	5
Methyl tert-butyl ether	5.0	U	5.0	0.85	ug/L			04/11/13 16:14	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.4	ug/L			04/11/13 16:14	5
1,2,4-Trichlorobenzene	5.0	U	5.0	0.75	ug/L			04/11/13 16:14	5
1,2-Dichlorobenzene	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
1,3-Dichlorobenzene	5.0	U	5.0	0.70	ug/L			04/11/13 16:14	5
1,4-Dichlorobenzene	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5
Trichlorofluoromethane	5.0	U	5.0	1.1	ug/L			04/11/13 16:14	5
Chlorodibromomethane	5.0	U	5.0	0.90	ug/L			04/11/13 16:14	5
Methylcyclohexane	5.0	U	5.0	0.65	ug/L			04/11/13 16:14	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-42
Date Collected: 04/03/13 15:20
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		04/11/13 16:14	5
4-Bromofluorobenzene (Surr)	79		66 - 117		04/11/13 16:14	5
Toluene-d8 (Surr)	85		74 - 115		04/11/13 16:14	5
Dibromofluoromethane (Surr)	93		75 - 121		04/11/13 16:14	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-43
Date Collected: 04/03/13 16:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	250	U	250	28	ug/L			04/11/13 16:36	25
Benzene	25	U	25	3.3	ug/L			04/11/13 16:36	25
Dichlorobromomethane	25	U	25	3.8	ug/L			04/11/13 16:36	25
Bromoform	25	U	25	16	ug/L			04/11/13 16:36	25
Bromomethane	25	U	25	10	ug/L			04/11/13 16:36	25
2-Butanone (MEK)	250	U	250	14	ug/L			04/11/13 16:36	25
Carbon disulfide	25	U	25	3.3	ug/L			04/11/13 16:36	25
Carbon tetrachloride	25	U	25	3.3	ug/L			04/11/13 16:36	25
Chlorobenzene	25	U	25	3.8	ug/L			04/11/13 16:36	25
Chloroethane	25	U	25	7.3	ug/L			04/11/13 16:36	25
Chloroform	25	U	25	4.0	ug/L			04/11/13 16:36	25
Chloromethane	25	U	25	7.5	ug/L			04/11/13 16:36	25
1,1-Dichloroethane	25	U	25	3.8	ug/L			04/11/13 16:36	25
1,2-Dichloroethane	25	U	25	5.5	ug/L			04/11/13 16:36	25
1,1-Dichloroethene	25	U	25	4.8	ug/L			04/11/13 16:36	25
1,2-Dichloropropane	25	U	25	4.5	ug/L			04/11/13 16:36	25
cis-1,3-Dichloropropene	25	U	25	3.5	ug/L			04/11/13 16:36	25
trans-1,3-Dichloropropene	25	U	25	4.8	ug/L			04/11/13 16:36	25
Ethylbenzene	25	U	25	4.3	ug/L			04/11/13 16:36	25
2-Hexanone	250	U	250	10	ug/L			04/11/13 16:36	25
Methylene Chloride	**12**	**J B**	25	8.3	ug/L			04/11/13 16:36	25
4-Methyl-2-pentanone (MIBK)	250	U	250	8.0	ug/L			04/11/13 16:36	25
Styrene	25	U	25	2.8	ug/L			04/11/13 16:36	25
1,1,2,2-Tetrachloroethane	25	U	25	4.5	ug/L			04/11/13 16:36	25
Tetrachloroethene	25	U	25	7.3	ug/L			04/11/13 16:36	25
Toluene	25	U	25	3.3	ug/L			04/11/13 16:36	25
Trichloroethene	**490**		25	4.3	ug/L			04/11/13 16:36	25
Vinyl chloride	**29**		25	5.5	ug/L			04/11/13 16:36	25
Xylenes, Total	50	U	50	7.0	ug/L			04/11/13 16:36	25
1,1,1-Trichloroethane	25	U	25	5.5	ug/L			04/11/13 16:36	25
1,1,2-Trichloroethane	25	U	25	6.8	ug/L			04/11/13 16:36	25
Cyclohexane	25	U	25	3.0	ug/L			04/11/13 16:36	25
1,2-Dibromo-3-Chloropropane	50	U	50	17	ug/L			04/11/13 16:36	25
Ethylene Dibromide	25	U	25	6.0	ug/L			04/11/13 16:36	25
Dichlorodifluoromethane	25	U	25	7.8	ug/L			04/11/13 16:36	25
cis-1,2-Dichloroethene	**780**		25	4.3	ug/L			04/11/13 16:36	25
trans-1,2-Dichloroethene	**73**		25	4.8	ug/L			04/11/13 16:36	25
Isopropylbenzene	25	U	25	3.3	ug/L			04/11/13 16:36	25
Methyl acetate	250	U	250	9.5	ug/L			04/11/13 16:36	25
Methyl tert-butyl ether	25	U	25	4.3	ug/L			04/11/13 16:36	25
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	25	7.0	ug/L			04/11/13 16:36	25
1,2,4-Trichlorobenzene	25	U	25	3.8	ug/L			04/11/13 16:36	25
1,2-Dichlorobenzene	25	U	25	3.3	ug/L			04/11/13 16:36	25
1,3-Dichlorobenzene	25	U	25	3.5	ug/L			04/11/13 16:36	25
1,4-Dichlorobenzene	25	U	25	3.3	ug/L			04/11/13 16:36	25
Trichlorofluoromethane	25	U	25	5.3	ug/L			04/11/13 16:36	25
Chlorodibromomethane	25	U	25	4.5	ug/L			04/11/13 16:36	25
Methylcyclohexane	25	U	25	3.3	ug/L			04/11/13 16:36	25

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-43
Date Collected: 04/03/13 16:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		04/11/13 16:36	25
4-Bromofluorobenzene (Surr)	90		66 - 117		04/11/13 16:36	25
Toluene-d8 (Surr)	86		74 - 115		04/11/13 16:36	25
Dibromofluoromethane (Surr)	95		75 - 121		04/11/13 16:36	25

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-44
Date Collected: 04/03/13 17:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.5**	**J**	10	1.1	ug/L			04/11/13 02:32	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 02:32	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 02:32	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 02:32	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 02:32	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 02:32	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 02:32	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 02:32	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 02:32	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 02:32	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 02:32	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 02:32	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 02:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 02:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 02:32	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 02:32	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 02:32	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/11/13 02:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 02:32	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 02:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 02:32	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 02:32	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
Trichloroethene	**1.4**		1.0	0.17	ug/L			04/11/13 02:32	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 02:32	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 02:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 02:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 02:32	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 02:32	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 02:32	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 02:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 02:32	1
cis-1,2-Dichloroethene	**0.53**	**J**	1.0	0.17	ug/L			04/11/13 02:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 02:32	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 02:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 02:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 02:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 02:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 02:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 02:32	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 02:32	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 02:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-44
Date Collected: 04/03/13 17:40
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		04/11/13 02:32	1
4-Bromofluorobenzene (Surr)	87		66 - 117		04/11/13 02:32	1
Toluene-d8 (Surr)	87		74 - 115		04/11/13 02:32	1
Dibromofluoromethane (Surr)	92		75 - 121		04/11/13 02:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-45
Date Collected: 04/03/13 18:25
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.2**	**J**	10	1.1	ug/L			04/11/13 02:55	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 02:55	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 02:55	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 02:55	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 02:55	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 02:55	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 02:55	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 02:55	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 02:55	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 02:55	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 02:55	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 02:55	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 02:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 02:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 02:55	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 02:55	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 02:55	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/11/13 02:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 02:55	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 02:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 02:55	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 02:55	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
Trichloroethene	**0.79**	**J**	1.0	0.17	ug/L			04/11/13 02:55	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 02:55	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 02:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 02:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 02:55	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 02:55	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 02:55	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 02:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 02:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 02:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 02:55	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 02:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 02:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 02:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 02:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 02:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 02:55	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 02:55	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 02:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-45
Date Collected: 04/03/13 18:25
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/11/13 02:55	1
4-Bromofluorobenzene (Surr)	86		66 - 117		04/11/13 02:55	1
Toluene-d8 (Surr)	81		74 - 115		04/11/13 02:55	1
Dibromofluoromethane (Surr)	87		75 - 121		04/11/13 02:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: TB-12616-001
Date Collected: 04/03/13 00:00
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**5.8**	**J**	10	1.1	ug/L			04/11/13 11:45	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 11:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 11:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 11:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 11:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 11:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 11:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 11:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 11:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 11:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 11:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 11:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 11:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 11:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 11:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 11:45	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 11:45	1
Methylene Chloride	**0.59**	**J B**	1.0	0.33	ug/L			04/11/13 11:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 11:45	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 11:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 11:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 11:45	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 11:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 11:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 11:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 11:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 11:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 11:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 11:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 11:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 11:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 11:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 11:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 11:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 11:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 11:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 11:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 11:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 11:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 11:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 11:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: TB-12616-001
Date Collected: 04/03/13 00:00
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-26
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		04/11/13 11:45	1
4-Bromofluorobenzene (Surr)	81		66 - 117		04/11/13 11:45	1
Toluene-d8 (Surr)	85		74 - 115		04/11/13 11:45	1
Dibromofluoromethane (Surr)	92		75 - 121		04/11/13 11:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: RB-12616-040313-DN-46
Date Collected: 04/03/13 19:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.4**	**J**	10	1.1	ug/L			04/11/13 12:07	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 12:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 12:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 12:07	1
2-Butanone (MEK)	**0.83**	**J**	10	0.57	ug/L			04/11/13 12:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 12:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 12:07	1
Chloroform	**0.22**	**J**	1.0	0.16	ug/L			04/11/13 12:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 12:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 12:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 12:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 12:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 12:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 12:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 12:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 12:07	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 12:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/11/13 12:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 12:07	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 12:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 12:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 12:07	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 12:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 12:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 12:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 12:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 12:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 12:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 12:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 12:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 12:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 12:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 12:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 12:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 12:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 12:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 12:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 12:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 12:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 12:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 12:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: RB-12616-040313-DN-46
Date Collected: 04/03/13 19:05
Date Received: 04/04/13 08:00

Lab Sample ID: 240-22797-27
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		04/11/13 12:07	1
4-Bromofluorobenzene (Surr)	80		66 - 117		04/11/13 12:07	1
Toluene-d8 (Surr)	85		74 - 115		04/11/13 12:07	1
Dibromofluoromethane (Surr)	94		75 - 121		04/11/13 12:07	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-22797-1	WG-12616-040113-DN-21	108	83	84	87
240-22797-2	WG-12616-040113-DN-22	110	86	84	92
240-22797-3	WG-12616-040113-DN-23	107	83	87	96
240-22797-4	WG-12616-040113-DN-24	106	82	84	93
240-22797-5	WG-12616-040113-DN-25	105	83	85	93
240-22797-5 MS	WG-12616-040113-DN-25	95	108	94	96
240-22797-5 MSD	WG-12616-040113-DN-25	97	105	96	95
240-22797-6	WG-12616-040113-DN-26	103	89	88	90
240-22797-7	WG-12616-040213-DN-27	101	87	86	88
240-22797-8	WG-12616-040213-DN-28	106	87	86	92
240-22797-9	WG-12616-040213-DN-29	109	91	86	97
240-22797-10	WG-12616-040213-DN-30	102	84	87	91
240-22797-11	WG-12616-040213-DN-31	108	87	86	92
240-22797-12	WG-12616-040213-DN-32	103	82	87	89
240-22797-13	WG-12616-040213-DN-33	101	84	84	89
240-22797-14	WG-12616-040213-DN-34	109	80	87	96
240-22797-15	WG-12616-040213-DN-35	103	86	88	92
240-22797-16	WG-12616-040313-DN-36	108	89	85	92
240-22797-17	WG-12616-040313-DN-37	104	88	84	90
240-22797-18	WG-12616-040313-DN-38	104	84	86	91
240-22797-19	WG-12616-040313-DN-39	102	89	81	97
240-22797-20	WG-12616-040313-DN-40	106	90	85	96
240-22797-20 MS	WG-12616-040313-DN-40	93	108	97	97
240-22797-20 MSD	WG-12616-040313-DN-40	94	115	95	95
240-22797-21	WG-12616-040313-DN-41	101	85	88	93
240-22797-22	WG-12616-040313-DN-42	104	79	85	93
240-22797-23	WG-12616-040313-DN-43	110	90	86	95
240-22797-24	WG-12616-040313-DN-44	107	87	87	92
240-22797-25	WG-12616-040313-DN-45	101	86	81	87
240-22797-26	TB-12616-001	109	81	85	92
240-22797-27	RB-12616-040313-DN-46	108	80	85	94
LCS 240-81169/4	Lab Control Sample	93	105	95	89
LCS 240-81352/4	Lab Control Sample	94	108	96	94
LCS 240-81471/4	Lab Control Sample	97	109	95	100
MB 240-81169/5	Method Blank	99	86	88	87
MB 240-81352/5	Method Blank	103	85	89	92
MB 240-81471/5	Method Blank	110	86	94	92

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-81169/5
Matrix: Water
Analysis Batch: 81169

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/09/13 22:40	1
Benzene	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/09/13 22:40	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/09/13 22:40	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/09/13 22:40	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/09/13 22:40	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 22:40	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/09/13 22:40	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/09/13 22:40	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/09/13 22:40	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/09/13 22:40	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 22:40	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 22:40	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/09/13 22:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/09/13 22:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/09/13 22:40	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/09/13 22:40	1
2-Hexanone	10	U	10	0.41	ug/L			04/09/13 22:40	1
Methylene Chloride	0.784	J	1.0	0.33	ug/L			04/09/13 22:40	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/09/13 22:40	1
Styrene	1.0	U	1.0	0.11	ug/L			04/09/13 22:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/09/13 22:40	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/09/13 22:40	1
Toluene	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 22:40	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/09/13 22:40	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/09/13 22:40	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/09/13 22:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/09/13 22:40	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/09/13 22:40	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/09/13 22:40	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/09/13 22:40	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/09/13 22:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/09/13 22:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/09/13 22:40	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
Methyl acetate	10	U	10	0.38	ug/L			04/09/13 22:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/09/13 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/09/13 22:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/09/13 22:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/09/13 22:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/09/13 22:40	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/09/13 22:40	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/09/13 22:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-81169/5
Matrix: Water
Analysis Batch: 81169

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 129*		*04/09/13 22:40*	*1*
4-Bromofluorobenzene (Surr)	*86*		*66 - 117*		*04/09/13 22:40*	*1*
Toluene-d8 (Surr)	*88*		*74 - 115*		*04/09/13 22:40*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 121*		*04/09/13 22:40*	*1*

Lab Sample ID: LCS 240-81169/4
Matrix: Water
Analysis Batch: 81169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.9		ug/L		100	43 - 136
Benzene	10.0	9.66		ug/L		97	83 - 112
Dichlorobromomethane	10.0	9.38		ug/L		94	72 - 121
Bromoform	10.0	6.96		ug/L		70	40 - 131
Bromomethane	10.0	8.37		ug/L		84	11 - 185
2-Butanone (MEK)	20.0	19.0		ug/L		95	60 - 126
Carbon disulfide	10.0	11.0		ug/L		110	62 - 142
Carbon tetrachloride	10.0	9.14		ug/L		91	66 - 128
Chlorobenzene	10.0	9.45		ug/L		95	85 - 110
Chloroethane	10.0	9.83		ug/L		98	25 - 153
Chloroform	10.0	10.1		ug/L		101	79 - 117
Chloromethane	10.0	9.16		ug/L		92	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	9.75		ug/L		98	71 - 127
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloropropane	10.0	9.73		ug/L		97	81 - 115
cis-1,3-Dichloropropene	10.0	7.62		ug/L		76	61 - 115
trans-1,3-Dichloropropene	10.0	7.63		ug/L		76	58 - 117
Ethylbenzene	10.0	9.61		ug/L		96	83 - 112
2-Hexanone	20.0	21.5		ug/L		108	55 - 133
Methylene Chloride	10.0	11.6		ug/L		116	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	22.0		ug/L		110	63 - 128
Styrene	10.0	9.29		ug/L		93	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.37		ug/L		84	68 - 118
Tetrachloroethene	10.0	8.24		ug/L		82	79 - 114
Toluene	10.0	9.35		ug/L		93	84 - 111
Trichloroethene	10.0	8.97		ug/L		90	76 - 117
Vinyl chloride	10.0	8.75		ug/L		88	53 - 127
Xylenes, Total	30.0	29.9		ug/L		100	83 - 112
1,1,1-Trichloroethane	10.0	9.28		ug/L		93	74 - 118
1,1,2-Trichloroethane	10.0	9.69		ug/L		97	80 - 112
Cyclohexane	10.0	8.67		ug/L		87	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.13		ug/L		71	42 - 136
Ethylene Dibromide	10.0	9.95		ug/L		100	79 - 113
Dichlorodifluoromethane	10.0	5.60		ug/L		56	19 - 129
cis-1,2-Dichloroethene	10.0	9.58		ug/L		96	80 - 113
trans-1,2-Dichloroethene	10.0	9.90		ug/L		99	83 - 117
Isopropylbenzene	10.0	9.51		ug/L		95	75 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-81169/4
Matrix: Water
Analysis Batch: 81169

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	11.8		ug/L		118	58 - 131
Methyl tert-butyl ether	10.0	9.79		ug/L		98	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.76		ug/L		98	74 - 151
1,2,4-Trichlorobenzene	10.0	7.85		ug/L		78	48 - 135
1,2-Dichlorobenzene	10.0	9.06		ug/L		91	81 - 110
1,3-Dichlorobenzene	10.0	8.85		ug/L		88	80 - 110
1,4-Dichlorobenzene	10.0	8.57		ug/L		86	82 - 110
Trichlorofluoromethane	10.0	8.27		ug/L		83	49 - 157
Chlorodibromomethane	10.0	7.23		ug/L		72	64 - 119
Methylcyclohexane	10.0	7.76		ug/L		78	56 - 127
m-Xylene & p-Xylene	20.0	19.7		ug/L		99	83 - 113
o-Xylene	10.0	10.2		ug/L		102	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*95*		*74 - 115*
Dibromofluoromethane (Surr)	*89*		*75 - 121*

Lab Sample ID: 240-22797-5 MS
Matrix: Water
Analysis Batch: 81169

Client Sample ID: WG-12616-040113-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	130	U	250	235		ug/L		94	33 - 145
Benzene	13	U	125	125		ug/L		100	72 - 121
Dichlorobromomethane	13	U	125	120		ug/L		96	67 - 120
Bromoform	13	U	125	81.3		ug/L		65	32 - 128
Bromomethane	13	U	125	117		ug/L		94	10 - 186
2-Butanone (MEK)	130	U	250	236		ug/L		94	54 - 129
Carbon disulfide	13	U	125	145		ug/L		116	57 - 147
Carbon tetrachloride	13	U	125	120		ug/L		96	59 - 129
Chlorobenzene	13	U	125	112		ug/L		90	80 - 110
Chloroethane	13	U	125	141		ug/L		113	21 - 165
Chloroform	13	U	125	128		ug/L		103	76 - 118
Chloromethane	13	U	125	124		ug/L		99	33 - 132
1,1-Dichloroethane	13	U	125	135		ug/L		108	79 - 116
1,2-Dichloroethane	13	U	125	119		ug/L		95	68 - 129
1,1-Dichloroethene	4.8	J	125	137		ug/L		106	74 - 135
1,2-Dichloropropane	13	U	125	124		ug/L		99	78 - 115
cis-1,3-Dichloropropene	13	U	125	88.4		ug/L		71	51 - 110
trans-1,3-Dichloropropene	13	U	125	91.9		ug/L		73	46 - 116
Ethylbenzene	13	U	125	116		ug/L		93	75 - 116
2-Hexanone	130	U	250	262		ug/L		105	47 - 139
Methylene Chloride	12	J B	125	158		ug/L		117	63 - 128
4-Methyl-2-pentanone (MIBK)	130	U	250	263		ug/L		105	56 - 131
Styrene	13	U	125	115		ug/L		92	71 - 117

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22797-5 MS
Matrix: Water
Analysis Batch: 81169

Client Sample ID: WG-12616-040113-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	13	U	125	106		ug/L		85	63 - 122
Tetrachloroethene	13	U	125	106		ug/L		85	70 - 117
Toluene	13	U	125	115		ug/L		92	78 - 114
Trichloroethene	410		125	483	F	ug/L		59	66 - 120
Vinyl chloride	140		125	254		ug/L		92	49 - 130
Xylenes, Total	25	U	375	370		ug/L		99	76 - 116
1,1,1-Trichloroethane	13	U	125	127		ug/L		102	68 - 121
1,1,2-Trichloroethane	13	U	125	117		ug/L		93	75 - 115
Cyclohexane	13	U	125	122		ug/L		98	49 - 123
1,2-Dibromo-3-Chloropropane	25	U	125	94.1		ug/L		75	32 - 139
Ethylene Dibromide	13	U	125	111		ug/L		89	74 - 113
Dichlorodifluoromethane	13	U	125	78.1		ug/L		62	17 - 128
cis-1,2-Dichloroethene	390		125	497		ug/L		89	70 - 120
trans-1,2-Dichloroethene	190		125	315		ug/L		102	80 - 119
Isopropylbenzene	13	U	125	120		ug/L		96	68 - 116
Methyl acetate	130	U	125	135		ug/L		108	47 - 130
Methyl tert-butyl ether	13	U	125	128		ug/L		103	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	125	137		ug/L		110	70 - 152
1,2,4-Trichlorobenzene	13	U	125	86.4		ug/L		69	38 - 138
1,2-Dichlorobenzene	13	U	125	109		ug/L		87	75 - 111
1,3-Dichlorobenzene	13	U	125	109		ug/L		87	73 - 110
1,4-Dichlorobenzene	13	U	125	104		ug/L		83	75 - 110
Trichlorofluoromethane	13	U	125	114		ug/L		91	46 - 157
Chlorodibromomethane	13	U	125	86.2		ug/L		69	56 - 118
Methylcyclohexane	13	U	125	117		ug/L		93	49 - 127
m-Xylene & p-Xylene	25		250	243		ug/L		97	75 - 117
o-Xylene	13		125	127		ug/L		102	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 129*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*
Toluene-d8 (Surr)	*94*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: 240-22797-5 MSD
Matrix: Water
Analysis Batch: 81169

Client Sample ID: WG-12616-040113-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	130	U	250	236		ug/L		94	33 - 145	0	30
Benzene	13	U	125	124		ug/L		99	72 - 121	1	30
Dichlorobromomethane	13	U	125	123		ug/L		98	67 - 120	3	30
Bromoform	13	U	125	91.4		ug/L		73	32 - 128	12	30
Bromomethane	13	U	125	105		ug/L		84	10 - 186	11	30
2-Butanone (MEK)	130	U	250	243		ug/L		97	54 - 129	3	30
Carbon disulfide	13	U	125	136		ug/L		109	57 - 147	6	30
Carbon tetrachloride	13	U	125	117		ug/L		94	59 - 129	3	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22797-5 MSD
Matrix: Water
Analysis Batch: 81169

Client Sample ID: WG-12616-040113-DN-25
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	13	U	125	114		ug/L		91	80 - 110	2	30
Chloroethane	13	U	125	120		ug/L		96	21 - 165	16	30
Chloroform	13	U	125	124		ug/L		100	76 - 118	3	30
Chloromethane	13	U	125	111		ug/L		89	33 - 132	11	30
1,1-Dichloroethane	13	U	125	129		ug/L		103	79 - 116	4	30
1,2-Dichloroethane	13	U	125	122		ug/L		97	68 - 129	2	30
1,1-Dichloroethene	4.8	J	125	128		ug/L		99	74 - 135	7	30
1,2-Dichloropropane	13	U	125	126		ug/L		101	78 - 115	1	30
cis-1,3-Dichloropropene	13	U	125	97.3		ug/L		78	51 - 110	10	30
trans-1,3-Dichloropropene	13	U	125	96.8		ug/L		77	46 - 116	5	30
Ethylbenzene	13	U	125	115		ug/L		92	75 - 116	0	30
2-Hexanone	130	U	250	245		ug/L		98	47 - 139	7	30
Methylene Chloride	12	J B	125	142		ug/L		104	63 - 128	10	30
4-Methyl-2-pentanone (MIBK)	130	U	250	264		ug/L		106	56 - 131	0	30
Styrene	13	U	125	114		ug/L		91	71 - 117	1	30
1,1,2,2-Tetrachloroethane	13	U	125	112		ug/L		89	63 - 122	5	30
Tetrachloroethene	13	U	125	103		ug/L		82	70 - 117	3	30
Toluene	13	U	125	114		ug/L		92	78 - 114	1	30
Trichloroethene	410		125	490	F	ug/L		65	66 - 120	1	30
Vinyl chloride	140		125	224		ug/L		68	49 - 130	13	30
Xylenes, Total	25	U	375	364		ug/L		97	76 - 116	2	30
1,1,1-Trichloroethane	13	U	125	119		ug/L		96	68 - 121	6	30
1,1,2-Trichloroethane	13	U	125	117		ug/L		93	75 - 115	0	30
Cyclohexane	13	U	125	116		ug/L		93	49 - 123	5	30
1,2-Dibromo-3-Chloropropane	25	U	125	91.7		ug/L		73	32 - 139	3	30
Ethylene Dibromide	13	U	125	117		ug/L		93	74 - 113	5	30
Dichlorodifluoromethane	13	U	125	70.0		ug/L		56	17 - 128	11	30
cis-1,2-Dichloroethene	390		125	479		ug/L		74	70 - 120	4	30
trans-1,2-Dichloroethene	190		125	298		ug/L		88	80 - 119	6	30
Isopropylbenzene	13	U	125	115		ug/L		92	68 - 116	4	30
Methyl acetate	130	U	125	139		ug/L		111	47 - 130	2	30
Methyl tert-butyl ether	13	U	125	123		ug/L		98	46 - 144	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	125	122		ug/L		98	70 - 152	11	30
1,2,4-Trichlorobenzene	13	U	125	91.7		ug/L		73	38 - 138	6	30
1,2-Dichlorobenzene	13	U	125	116		ug/L		93	75 - 111	6	30
1,3-Dichlorobenzene	13	U	125	111		ug/L		89	73 - 110	2	30
1,4-Dichlorobenzene	13	U	125	110		ug/L		88	75 - 110	6	30
Trichlorofluoromethane	13	U	125	109		ug/L		87	46 - 157	5	30
Chlorodibromomethane	13	U	125	92.5		ug/L		74	56 - 118	7	30
Methylcyclohexane	13	U	125	111		ug/L		89	49 - 127	5	30
m-Xylene & p-Xylene	25		250	244		ug/L		98	75 - 117	1	30
o-Xylene	13		125	120		ug/L		96	76 - 116	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*96*		*74 - 115*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22797-5 MSD
Matrix: Water
Analysis Batch: 81169

Client Sample ID: WG-12616-040113-DN-25
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*95*		*75 - 121*

Lab Sample ID: MB 240-81352/5
Matrix: Water
Analysis Batch: 81352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/10/13 22:05	1
Benzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/10/13 22:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/10/13 22:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/10/13 22:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/10/13 22:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 22:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/10/13 22:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/10/13 22:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/10/13 22:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/10/13 22:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 22:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 22:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/10/13 22:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/10/13 22:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/10/13 22:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/10/13 22:05	1
2-Hexanone	10	U	10	0.41	ug/L			04/10/13 22:05	1
Methylene Chloride	0.916	J	1.0	0.33	ug/L			04/10/13 22:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/10/13 22:05	1
Styrene	1.0	U	1.0	0.11	ug/L			04/10/13 22:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/10/13 22:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/10/13 22:05	1
Toluene	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 22:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/10/13 22:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/10/13 22:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/10/13 22:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/10/13 22:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/10/13 22:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/10/13 22:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/10/13 22:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/10/13 22:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/10/13 22:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/10/13 22:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
Methyl acetate	10	U	10	0.38	ug/L			04/10/13 22:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/10/13 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/10/13 22:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-81352/5
Matrix: Water
Analysis Batch: 81352

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/10/13 22:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/10/13 22:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/10/13 22:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/10/13 22:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/10/13 22:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 129*		*04/10/13 22:05*	*1*
4-Bromofluorobenzene (Surr)	*85*		*66 - 117*		*04/10/13 22:05*	*1*
Toluene-d8 (Surr)	*89*		*74 - 115*		*04/10/13 22:05*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*04/10/13 22:05*	*1*

Lab Sample ID: LCS 240-81352/4
Matrix: Water
Analysis Batch: 81352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.6		ug/L		98	43 - 136
Benzene	10.0	10.2		ug/L		102	83 - 112
Dichlorobromomethane	10.0	9.47		ug/L		95	72 - 121
Bromoform	10.0	7.17		ug/L		72	40 - 131
Bromomethane	10.0	8.65		ug/L		87	11 - 185
2-Butanone (MEK)	20.0	18.5		ug/L		92	60 - 126
Carbon disulfide	10.0	11.4		ug/L		114	62 - 142
Carbon tetrachloride	10.0	9.77		ug/L		98	66 - 128
Chlorobenzene	10.0	9.57		ug/L		96	85 - 110
Chloroethane	10.0	10.4		ug/L		104	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 117
Chloromethane	10.0	9.32		ug/L		93	44 - 126
1,1-Dichloroethane	10.0	10.5		ug/L		105	82 - 115
1,2-Dichloroethane	10.0	9.57		ug/L		96	71 - 127
1,1-Dichloroethene	10.0	10.8		ug/L		108	78 - 131
1,2-Dichloropropane	10.0	10.1		ug/L		101	81 - 115
cis-1,3-Dichloropropene	10.0	7.55		ug/L		76	61 - 115
trans-1,3-Dichloropropene	10.0	7.60		ug/L		76	58 - 117
Ethylbenzene	10.0	9.74		ug/L		97	83 - 112
2-Hexanone	20.0	19.8		ug/L		99	55 - 133
Methylene Chloride	10.0	11.9		ug/L		119	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	21.5		ug/L		107	63 - 128
Styrene	10.0	9.27		ug/L		93	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.11		ug/L		81	68 - 118
Tetrachloroethene	10.0	8.65		ug/L		86	79 - 114
Toluene	10.0	9.49		ug/L		95	84 - 111
Trichloroethene	10.0	9.61		ug/L		96	76 - 117
Vinyl chloride	10.0	8.98		ug/L		90	53 - 127
Xylenes, Total	30.0	30.5		ug/L		102	83 - 112

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-81352/4
Matrix: Water
Analysis Batch: 81352

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.80		ug/L		98	74 - 118
1,1,2-Trichloroethane	10.0	9.35		ug/L		94	80 - 112
Cyclohexane	10.0	9.67		ug/L		97	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.26		ug/L		73	42 - 136
Ethylene Dibromide	10.0	9.27		ug/L		93	79 - 113
Dichlorodifluoromethane	10.0	5.76		ug/L		58	19 - 129
cis-1,2-Dichloroethene	10.0	9.62		ug/L		96	80 - 113
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	83 - 117
Isopropylbenzene	10.0	9.86		ug/L		99	75 - 114
Methyl acetate	10.0	11.0		ug/L		110	58 - 131
Methyl tert-butyl ether	10.0	9.65		ug/L		96	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.3		ug/L		113	74 - 151
1,2,4-Trichlorobenzene	10.0	7.40		ug/L		74	48 - 135
1,2-Dichlorobenzene	10.0	8.96		ug/L		90	81 - 110
1,3-Dichlorobenzene	10.0	9.02		ug/L		90	80 - 110
1,4-Dichlorobenzene	10.0	8.64		ug/L		86	82 - 110
Trichlorofluoromethane	10.0	9.20		ug/L		92	49 - 157
Chlorodibromomethane	10.0	6.99		ug/L		70	64 - 119
Methylcyclohexane	10.0	9.34		ug/L		93	56 - 127
m-Xylene & p-Xylene	20.0	20.2		ug/L		101	83 - 113
o-Xylene	10.0	10.3		ug/L		103	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 129*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*
Toluene-d8 (Surr)	*96*		*74 - 115*
Dibromofluoromethane (Surr)	*94*		*75 - 121*

Lab Sample ID: 240-22797-20 MS
Matrix: Water
Analysis Batch: 81352

Client Sample ID: WG-12616-040313-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50	U	100	98.7		ug/L		99	33 - 145
Benzene	5.0	U	50.0	52.6		ug/L		105	72 - 121
Dichlorobromomethane	5.0	U	50.0	47.9		ug/L		96	67 - 120
Bromoform	5.0	U	50.0	35.9		ug/L		72	32 - 128
Bromomethane	5.0	U	50.0	46.2		ug/L		92	10 - 186
2-Butanone (MEK)	50	U	100	95.7		ug/L		96	54 - 129
Carbon disulfide	5.0	U	50.0	60.2		ug/L		120	57 - 147
Carbon tetrachloride	5.0	U	50.0	50.3		ug/L		101	59 - 129
Chlorobenzene	5.0	U	50.0	48.6		ug/L		97	80 - 110
Chloroethane	5.0	U	50.0	55.0		ug/L		110	21 - 165
Chloroform	5.0	U	50.0	54.2		ug/L		108	76 - 118
Chloromethane	5.0	U	50.0	49.0		ug/L		98	33 - 132
1,1-Dichloroethane	5.0	U	50.0	55.8		ug/L		112	79 - 116
1,2-Dichloroethane	5.0	U	50.0	50.3		ug/L		101	68 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22797-20 MS
Matrix: Water
Analysis Batch: 81352

Client Sample ID: WG-12616-040313-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	5.0	U	50.0	53.8		ug/L		108	74 - 135
1,2-Dichloropropane	5.0	U	50.0	50.2		ug/L		100	78 - 115
cis-1,3-Dichloropropene	5.0	U	50.0	36.9		ug/L		74	51 - 110
trans-1,3-Dichloropropene	5.0	U	50.0	37.9		ug/L		76	46 - 116
Ethylbenzene	5.0	U	50.0	50.1		ug/L		100	75 - 116
2-Hexanone	50	U	100	107		ug/L		107	47 - 139
Methylene Chloride	3.0	J B	50.0	62.9		ug/L		120	63 - 128
4-Methyl-2-pentanone (MIBK)	50	U	100	101		ug/L		101	56 - 131
Styrene	5.0	U	50.0	48.2		ug/L		96	71 - 117
1,1,2,2-Tetrachloroethane	5.0	U	50.0	43.5		ug/L		87	63 - 122
Tetrachloroethene	5.0	U	50.0	46.3		ug/L		93	70 - 117
Toluene	5.0	U	50.0	49.0		ug/L		98	78 - 114
Trichloroethene	5.0	U	50.0	50.0		ug/L		100	66 - 120
Vinyl chloride	190		50.0	227	E	ug/L		73	49 - 130
Xylenes, Total	10	U	150	155		ug/L		103	76 - 116
1,1,1-Trichloroethane	5.0	U	50.0	51.6		ug/L		103	68 - 121
1,1,2-Trichloroethane	5.0	U	50.0	48.2		ug/L		96	75 - 115
Cyclohexane	5.0	U	50.0	53.5		ug/L		107	49 - 123
1,2-Dibromo-3-Chloropropane	10	U	50.0	36.0		ug/L		72	32 - 139
Ethylene Dibromide	5.0	U	50.0	47.8		ug/L		96	74 - 113
Dichlorodifluoromethane	5.0	U	50.0	31.3		ug/L		63	17 - 128
cis-1,2-Dichloroethene	170		50.0	215	E	ug/L		93	70 - 120
trans-1,2-Dichloroethene	16		50.0	68.2		ug/L		104	80 - 119
Isopropylbenzene	5.0	U	50.0	51.8		ug/L		104	68 - 116
Methyl acetate	50	U	50.0	54.5		ug/L		109	47 - 130
Methyl tert-butyl ether	5.0	U	50.0	49.2		ug/L		98	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	50.0	58.1		ug/L		116	70 - 152
1,2,4-Trichlorobenzene	5.0	U	50.0	36.7		ug/L		73	38 - 138
1,2-Dichlorobenzene	5.0	U	50.0	44.7		ug/L		89	75 - 111
1,3-Dichlorobenzene	5.0	U	50.0	44.7		ug/L		89	73 - 110
1,4-Dichlorobenzene	5.0	U	50.0	43.7		ug/L		87	75 - 110
Trichlorofluoromethane	5.0	U	50.0	46.0		ug/L		92	46 - 157
Chlorodibromomethane	5.0	U	50.0	35.4		ug/L		71	56 - 118
Methylcyclohexane	5.0	U	50.0	48.7		ug/L		97	49 - 127
m-Xylene & p-Xylene	10		100	102		ug/L		102	75 - 117
o-Xylene	5.0		50.0	52.9		ug/L		106	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22797-20 MSD
Matrix: Water
Analysis Batch: 81352

Client Sample ID: WG-12616-040313-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	50	U	100	95.0		ug/L		95	33 - 145	4	30
Benzene	5.0	U	50.0	51.7		ug/L		103	72 - 121	2	30
Dichlorobromomethane	5.0	U	50.0	48.6		ug/L		97	67 - 120	1	30
Bromoform	5.0	U	50.0	36.8		ug/L		74	32 - 128	2	30
Bromomethane	5.0	U	50.0	47.2		ug/L		94	10 - 186	2	30
2-Butanone (MEK)	50	U	100	92.0		ug/L		92	54 - 129	4	30
Carbon disulfide	5.0	U	50.0	61.3		ug/L		123	57 - 147	2	30
Carbon tetrachloride	5.0	U	50.0	52.2		ug/L		104	59 - 129	4	30
Chlorobenzene	5.0	U	50.0	48.8		ug/L		98	80 - 110	0	30
Chloroethane	5.0	U	50.0	55.8		ug/L		112	21 - 165	1	30
Chloroform	5.0	U	50.0	53.5		ug/L		107	76 - 118	1	30
Chloromethane	5.0	U	50.0	49.9		ug/L		100	33 - 132	2	30
1,1-Dichloroethane	5.0	U	50.0	54.0		ug/L		108	79 - 116	3	30
1,2-Dichloroethane	5.0	U	50.0	47.7		ug/L		95	68 - 129	5	30
1,1-Dichloroethene	5.0	U	50.0	56.6		ug/L		113	74 - 135	5	30
1,2-Dichloropropane	5.0	U	50.0	52.7		ug/L		105	78 - 115	5	30
cis-1,3-Dichloropropene	5.0	U	50.0	35.3		ug/L		71	51 - 110	4	30
trans-1,3-Dichloropropene	5.0	U	50.0	35.6		ug/L		71	46 - 116	6	30
Ethylbenzene	5.0	U	50.0	48.3		ug/L		97	75 - 116	4	30
2-Hexanone	50	U	100	104		ug/L		104	47 - 139	2	30
Methylene Chloride	3.0	J B	50.0	61.7		ug/L		117	63 - 128	2	30
4-Methyl-2-pentanone (MIBK)	50	U	100	106		ug/L		106	56 - 131	5	30
Styrene	5.0	U	50.0	46.8		ug/L		94	71 - 117	3	30
1,1,2,2-Tetrachloroethane	5.0	U	50.0	44.2		ug/L		88	63 - 122	2	30
Tetrachloroethene	5.0	U	50.0	43.6		ug/L		87	70 - 117	6	30
Toluene	5.0	U	50.0	48.2		ug/L		96	78 - 114	2	30
Trichloroethene	5.0	U	50.0	47.5		ug/L		95	66 - 120	5	30
Vinyl chloride	190		50.0	227	E	ug/L		74	49 - 130	0	30
Xylenes, Total	10	U	150	155		ug/L		103	76 - 116	0	30
1,1,1-Trichloroethane	5.0	U	50.0	53.9		ug/L		108	68 - 121	4	30
1,1,2-Trichloroethane	5.0	U	50.0	47.5		ug/L		95	75 - 115	2	30
Cyclohexane	5.0	U	50.0	50.4		ug/L		101	49 - 123	6	30
1,2-Dibromo-3-Chloropropane	10	U	50.0	39.6		ug/L		79	32 - 139	9	30
Ethylene Dibromide	5.0	U	50.0	47.4		ug/L		95	74 - 113	1	30
Dichlorodifluoromethane	5.0	U	50.0	31.0		ug/L		62	17 - 128	1	30
cis-1,2-Dichloroethene	170		50.0	210	E	ug/L		84	70 - 120	2	30
trans-1,2-Dichloroethene	16		50.0	70.9		ug/L		109	80 - 119	4	30
Isopropylbenzene	5.0	U	50.0	51.7		ug/L		103	68 - 116	0	30
Methyl acetate	50	U	50.0	54.0		ug/L		108	47 - 130	1	30
Methyl tert-butyl ether	5.0	U	50.0	52.9		ug/L		106	46 - 144	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	50.0	55.2		ug/L		110	70 - 152	5	30
1,2,4-Trichlorobenzene	5.0	U	50.0	37.9		ug/L		76	38 - 138	3	30
1,2-Dichlorobenzene	5.0	U	50.0	47.3		ug/L		95	75 - 111	6	30
1,3-Dichlorobenzene	5.0	U	50.0	46.5		ug/L		93	73 - 110	4	30
1,4-Dichlorobenzene	5.0	U	50.0	45.9		ug/L		92	75 - 110	5	30
Trichlorofluoromethane	5.0	U	50.0	46.4		ug/L		93	46 - 157	1	30
Chlorodibromomethane	5.0	U	50.0	37.1		ug/L		74	56 - 118	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-22797-20 MSD
Matrix: Water
Analysis Batch: 81352

Client Sample ID: WG-12616-040313-DN-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylcyclohexane	5.0	U	50.0	45.7		ug/L		91	49 - 127	6	30
m-Xylene & p-Xylene	10		100	103		ug/L		103	75 - 117	1	30
o-Xylene	5.0		50.0	52.2		ug/L		104	76 - 116	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 129*
4-Bromofluorobenzene (Surr)	*115*		*66 - 117*
Toluene-d8 (Surr)	*95*		*74 - 115*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

Lab Sample ID: MB 240-81471/5
Matrix: Water
Analysis Batch: 81471

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/11/13 11:23	1
Benzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/11/13 11:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/11/13 11:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/11/13 11:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/11/13 11:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 11:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/11/13 11:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/11/13 11:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/11/13 11:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/11/13 11:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 11:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 11:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/11/13 11:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/11/13 11:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/11/13 11:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/11/13 11:23	1
2-Hexanone	10	U	10	0.41	ug/L			04/11/13 11:23	1
Methylene Chloride	1.40		1.0	0.33	ug/L			04/11/13 11:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/11/13 11:23	1
Styrene	1.0	U	1.0	0.11	ug/L			04/11/13 11:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/11/13 11:23	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/11/13 11:23	1
Toluene	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 11:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/11/13 11:23	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/11/13 11:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/11/13 11:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/11/13 11:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/11/13 11:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/11/13 11:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-81471/5
Matrix: Water
Analysis Batch: 81471

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/11/13 11:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/11/13 11:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/11/13 11:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/11/13 11:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
Methyl acetate	10	U	10	0.38	ug/L			04/11/13 11:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/11/13 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/11/13 11:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/11/13 11:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/11/13 11:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/11/13 11:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/11/13 11:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/11/13 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*		*04/11/13 11:23*	*1*
4-Bromofluorobenzene (Surr)	*86*		*66 - 117*		*04/11/13 11:23*	*1*
Toluene-d8 (Surr)	*94*		*74 - 115*		*04/11/13 11:23*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*04/11/13 11:23*	*1*

Lab Sample ID: LCS 240-81471/4
Matrix: Water
Analysis Batch: 81471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.3		ug/L		96	43 - 136
Benzene	10.0	10.2		ug/L		102	83 - 112
Dichlorobromomethane	10.0	9.70		ug/L		97	72 - 121
Bromoform	10.0	7.11		ug/L		71	40 - 131
Bromomethane	10.0	8.19		ug/L		82	11 - 185
2-Butanone (MEK)	20.0	18.8		ug/L		94	60 - 126
Carbon disulfide	10.0	11.3		ug/L		113	62 - 142
Carbon tetrachloride	10.0	10.0		ug/L		100	66 - 128
Chlorobenzene	10.0	9.38		ug/L		94	85 - 110
Chloroethane	10.0	9.73		ug/L		97	25 - 153
Chloroform	10.0	10.6		ug/L		106	79 - 117
Chloromethane	10.0	9.35		ug/L		93	44 - 126
1,1-Dichloroethane	10.0	10.9		ug/L		109	82 - 115
1,2-Dichloroethane	10.0	9.87		ug/L		99	71 - 127
1,1-Dichloroethene	10.0	12.4		ug/L		124	78 - 131
1,2-Dichloropropane	10.0	9.63		ug/L		96	81 - 115
cis-1,3-Dichloropropene	10.0	7.43		ug/L		74	61 - 115
trans-1,3-Dichloropropene	10.0	7.69		ug/L		77	58 - 117
Ethylbenzene	10.0	10.0		ug/L		100	83 - 112
2-Hexanone	20.0	21.0		ug/L		105	55 - 133
Methylene Chloride	10.0	12.4		ug/L		124	66 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-81471/4
Matrix: Water
Analysis Batch: 81471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	20.0	21.0		ug/L		105	63 - 128
Styrene	10.0	9.56		ug/L		96	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.72		ug/L		87	68 - 118
Tetrachloroethene	10.0	9.15		ug/L		92	79 - 114
Toluene	10.0	9.65		ug/L		97	84 - 111
Trichloroethene	10.0	9.69		ug/L		97	76 - 117
Vinyl chloride	10.0	9.27		ug/L		93	53 - 127
Xylenes, Total	30.0	31.2		ug/L		104	83 - 112
1,1,1-Trichloroethane	10.0	9.94		ug/L		99	74 - 118
1,1,2-Trichloroethane	10.0	9.37		ug/L		94	80 - 112
Cyclohexane	10.0	10.9		ug/L		109	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.13		ug/L		81	42 - 136
Ethylene Dibromide	10.0	9.34		ug/L		93	79 - 113
Dichlorodifluoromethane	10.0	6.62		ug/L		66	19 - 129
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 113
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	83 - 117
Isopropylbenzene	10.0	10.4		ug/L		104	75 - 114
Methyl acetate	10.0	11.9		ug/L		119	58 - 131
Methyl tert-butyl ether	10.0	9.76		ug/L		98	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	13.2		ug/L		132	74 - 151
1,2,4-Trichlorobenzene	10.0	7.85		ug/L		79	48 - 135
1,2-Dichlorobenzene	10.0	9.46		ug/L		95	81 - 110
1,3-Dichlorobenzene	10.0	9.25		ug/L		92	80 - 110
1,4-Dichlorobenzene	10.0	9.00		ug/L		90	82 - 110
Trichlorofluoromethane	10.0	9.88		ug/L		99	49 - 157
Chlorodibromomethane	10.0	7.43		ug/L		74	64 - 119
Methylcyclohexane	10.0	10.3		ug/L		103	56 - 127
m-Xylene & p-Xylene	20.0	20.7		ug/L		103	83 - 113
o-Xylene	10.0	10.5		ug/L		105	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*109*		*66 - 117*
Toluene-d8 (Surr)	*95*		*74 - 115*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

GC/MS VOA

Analysis Batch: 81169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-22797-1	WG-12616-040113-DN-21	Total/NA	Water	8260B	
240-22797-2	WG-12616-040113-DN-22	Total/NA	Water	8260B	
240-22797-3	WG-12616-040113-DN-23	Total/NA	Water	8260B	
240-22797-4	WG-12616-040113-DN-24	Total/NA	Water	8260B	
240-22797-5	WG-12616-040113-DN-25	Total/NA	Water	8260B	
240-22797-5 MS	WG-12616-040113-DN-25	Total/NA	Water	8260B	
240-22797-5 MSD	WG-12616-040113-DN-25	Total/NA	Water	8260B	
240-22797-6	WG-12616-040113-DN-26	Total/NA	Water	8260B	
240-22797-7	WG-12616-040213-DN-27	Total/NA	Water	8260B	
240-22797-8	WG-12616-040213-DN-28	Total/NA	Water	8260B	
240-22797-9	WG-12616-040213-DN-29	Total/NA	Water	8260B	
240-22797-10	WG-12616-040213-DN-30	Total/NA	Water	8260B	
240-22797-11	WG-12616-040213-DN-31	Total/NA	Water	8260B	
240-22797-12	WG-12616-040213-DN-32	Total/NA	Water	8260B	
LCS 240-81169/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-81169/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 81352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-22797-13	WG-12616-040213-DN-33	Total/NA	Water	8260B	
240-22797-15	WG-12616-040213-DN-35	Total/NA	Water	8260B	
240-22797-16	WG-12616-040313-DN-36	Total/NA	Water	8260B	
240-22797-17	WG-12616-040313-DN-37	Total/NA	Water	8260B	
240-22797-18	WG-12616-040313-DN-38	Total/NA	Water	8260B	
240-22797-19	WG-12616-040313-DN-39	Total/NA	Water	8260B	
240-22797-20	WG-12616-040313-DN-40	Total/NA	Water	8260B	
240-22797-20 MS	WG-12616-040313-DN-40	Total/NA	Water	8260B	
240-22797-20 MSD	WG-12616-040313-DN-40	Total/NA	Water	8260B	
240-22797-21	WG-12616-040313-DN-41	Total/NA	Water	8260B	
240-22797-24	WG-12616-040313-DN-44	Total/NA	Water	8260B	
240-22797-25	WG-12616-040313-DN-45	Total/NA	Water	8260B	
LCS 240-81352/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-81352/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 81471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-22797-14	WG-12616-040213-DN-34	Total/NA	Water	8260B	
240-22797-22	WG-12616-040313-DN-42	Total/NA	Water	8260B	
240-22797-23	WG-12616-040313-DN-43	Total/NA	Water	8260B	
240-22797-26	TB-12616-001	Total/NA	Water	8260B	
240-22797-27	RB-12616-040313-DN-46	Total/NA	Water	8260B	
LCS 240-81471/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-81471/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-040113-DN-21 — **Lab Sample ID: 240-22797-1**
Date Collected: 04/01/13 13:20 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/09/13 23:03	LE	TAL CAN

Client Sample ID: WG-12616-040113-DN-22 — **Lab Sample ID: 240-22797-2**
Date Collected: 04/01/13 14:20 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/09/13 23:25	LE	TAL CAN

Client Sample ID: WG-12616-040113-DN-23 — **Lab Sample ID: 240-22797-3**
Date Collected: 04/01/13 15:05 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/09/13 23:47	LE	TAL CAN

Client Sample ID: WG-12616-040113-DN-24 — **Lab Sample ID: 240-22797-4**
Date Collected: 04/01/13 16:20 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 00:09	LE	TAL CAN

Client Sample ID: WG-12616-040113-DN-25 — **Lab Sample ID: 240-22797-5**
Date Collected: 04/01/13 17:40 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	81169	04/10/13 00:32	LE	TAL CAN

Client Sample ID: WG-12616-040113-DN-26 — **Lab Sample ID: 240-22797-6**
Date Collected: 04/01/13 18:30 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 01:38	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-27 — **Lab Sample ID: 240-22797-7**
Date Collected: 04/02/13 10:05 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 02:00	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-28 — **Lab Sample ID: 240-22797-8**
Date Collected: 04/02/13 11:25 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 02:23	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-29 — **Lab Sample ID: 240-22797-9**
Date Collected: 04/02/13 12:40 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 02:45	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-30 — **Lab Sample ID: 240-22797-10**
Date Collected: 04/02/13 14:15 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 03:07	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-31 — **Lab Sample ID: 240-22797-11**
Date Collected: 04/02/13 15:05 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 03:29	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-32 — **Lab Sample ID: 240-22797-12**
Date Collected: 04/02/13 15:35 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81169	04/10/13 03:52	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-33 — **Lab Sample ID: 240-22797-13**
Date Collected: 04/02/13 16:50 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/10/13 22:50	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-34 — **Lab Sample ID: 240-22797-14**
Date Collected: 04/02/13 17:40 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	81471	04/11/13 15:52	LE	TAL CAN

Client Sample ID: WG-12616-040213-DN-35 — **Lab Sample ID: 240-22797-15**
Date Collected: 04/02/13 18:35 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/10/13 23:12	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-36 — **Lab Sample ID: 240-22797-16**
Date Collected: 04/03/13 06:55 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/10/13 23:34	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-37 — **Lab Sample ID: 240-22797-17**
Date Collected: 04/03/13 07:50 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/10/13 23:56	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-38 — **Lab Sample ID: 240-22797-18**
Date Collected: 04/03/13 09:15 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/11/13 00:19	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-39 — **Lab Sample ID: 240-22797-19**
Date Collected: 04/03/13 10:25 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/11/13 00:41	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-40 — **Lab Sample ID: 240-22797-20**
Date Collected: 04/03/13 12:45 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	81352	04/11/13 01:03	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-41 — **Lab Sample ID: 240-22797-21**
Date Collected: 04/03/13 14:05 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/11/13 02:10	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-42 — **Lab Sample ID: 240-22797-22**
Date Collected: 04/03/13 15:20 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	81471	04/11/13 16:14	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-43 — **Lab Sample ID: 240-22797-23**
Date Collected: 04/03/13 16:40 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	81471	04/11/13 16:36	LE	TAL CAN

Client Sample ID: WG-12616-040313-DN-44 — **Lab Sample ID: 240-22797-24**
Date Collected: 04/03/13 17:40 — **Matrix: Water**
Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/11/13 02:32	LE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Client Sample ID: WG-12616-040313-DN-45

Lab Sample ID: 240-22797-25

Date Collected: 04/03/13 18:25

Matrix: Water

Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81352	04/11/13 02:55	LE	TAL CAN

Client Sample ID: TB-12616-001

Lab Sample ID: 240-22797-26

Date Collected: 04/03/13 00:00

Matrix: Water

Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81471	04/11/13 11:45	LE	TAL CAN

Client Sample ID: RB-12616-040313-DN-46

Lab Sample ID: 240-22797-27

Date Collected: 04/03/13 19:05

Matrix: Water

Date Received: 04/04/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	81471	04/11/13 12:07	LE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-003, Racer Elyria

TestAmerica Job ID: 240-22797-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	4·3·13	006906
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 3**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hecklor	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER			
Contract/Purchase Order/Quote No.			
12616-TO2			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs
WG-12616-040113-DN-21	4·1·13	1320		X						X			X
22		1420		X						X			X
23		1505		X						X			X
24		1620		X						X			X
25		1740		X						X			X
26		1830		X						X			X
WG-12616-040213-DN-27	4·2·13	1005		X						X			X
28		1125		X						X			X
29		1240		X						X			X
30		1415		X						X			X
31		1505		X						X			X
32		1535		X						X			X

Special Instructions/ Conditions of Receipt

240-22797 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Dan Nuta	4·4·13	0715	1. Received By: [signature]	4-4-13	800
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	4-3-13	006905
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 3**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Heckler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER			
Contract/Purchase Order/Quote No.			
12616-TOZ			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	Special Instructions/ Conditions of Receipt
WG-12616-040213-DN-33	4-2-13	1650		X						X			X	
34		1740		X						X			X	
35		1835		X						X			X	
WG-12616-040313-DN-36	4-3-13	0655		X						X			X	
37		0750		X						X			X	
38		0915		X						X			X	
39		1025		X						X			X	
40		1245		X						X			X	MS/MSD
41		1405		X						X			X	
42		1520		X						X			X	
43		1640		X						X			X	
44		1740		X						X			X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	4-4-13	0715	1. Received By: [signature]	4-4-13	800
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	4·3·13	006904
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 3 of 3**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hockler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER			
Contract/Purchase Order/Quote No.			
12616-TO2			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	Special Instructions/ Conditions of Receipt
WB-12616-040313-DN-45	4-3-13	1825		X						X			X	
TB-12616-001	—	—		X						X			X	Trip Blank
RB-12616-040313-DN-46	4-3-13	1905		X						X			X	Rinse Blank
END OF BATCH														

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	4.4.13	0715	1. Received By: Derek D. Green	4-4-13	800
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 22797

Client CRA Site Name _____ By: [signature] (Signature)

Cooler Received on 4-4-13 Opened on 4-4-13

FedEx: 1st Grd Exp UPS FAS Stetson (Client Drop Off) TestAmerica Courier Other _____

TestAmerica Cooler # No # Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF 0°C)	Observed Sample Temp. _____ °C	Corrected Sample Temp. _____ °C	
IR GUN# 4G (CF +1°C)	Observed Sample Temp. 1.2 °C	Corrected Sample Temp. 2.2 °C	☐ Multiple on Back
IR GUN# 5G (CF +1 °C)	Observed Sample Temp. _____ °C	Corrected Sample Temp. _____ °C	
IR GUN# 8 (CF +1°C)	Observed Sample Temp. _____ °C	Corrected Sample Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 0	Yes (No)	
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes (No)	NA
-Were custody seals on the bottle(s)?	Yes (No)	
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
7. Could all bottle labels be reconciled with the COC?	(Yes)	No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
9. Sufficient quantity received to perform indicated analyses?	(Yes)	No
10. Were sample(s) at the correct pH upon receipt?	Yes No	(NA)
11. Were VOAs on the COC?	(Yes)	No
12. Were air bubbles >6 mm in any VOA vials?	Yes (No)	NA
13. Was a trip blank present in the cooler(s)?	(Yes)	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s).

Nitric Acid Lot# 031512-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH.

What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
	pH Strip Lot# HC256691		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-23749-1
Client Project/Site: 12616-T02-004, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
5/14/2013 12:36:35 PM

Denise Heckler, Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-23749-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-004, Racer Elyria

Report Number: 240-23749-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 04/27/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.9 C.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-12616-042613-DN-01 (240-23749-1) and WG-12616-042613-DN-01 (240-23749-2) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 04/30/2013 and analyzed on 05/01/2013.

Insufficient sample volume was available to meet method-mandated requirements for matrix spike/matrix spike duplicate (MS/MSD) analyses for batch 83859.

No difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample S-12616-042613-DN-01 (240-23749-1) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 04/27/2013 and analyzed on 04/30/2013.

Job ID: 240-23749-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Several analytes were detected in method blank MB 240-83859/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-12616-042613-DN-01 (240-23749-1) and WG-12616-042613-DN-01 (240-23749-2) were analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 04/30/2013, prepared on 05/03/2013 and analyzed on 05/07/2013.

No difficulties were encountered during the SVOCs analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample S-12616-042613-DN-01 (240-23749-1) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/06/2013 and analyzed on 05/08/2013.

The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: S-12616-042613-DN-01 (240-23749-1). Lot # S65830

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample WG-12616-042613-DN-01 (240-23749-2) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 05/02/2013 and analyzed on 05/08/2013.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TCLP METALS (ICP)

Samples S-12616-042613-DN-01 (240-23749-1) and WG-12616-042613-DN-01 (240-23749-2) were analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 04/30/2013, prepared on 05/01/2013 and analyzed on 05/02/2013.

Barium and Selenium were detected in method blank LB 240-84195/1-D at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TCLP MERCURY

Samples S-12616-042613-DN-01 (240-23749-1) and WG-12616-042613-DN-01 (240-23749-2) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 04/30/2013, prepared on 05/01/2013 and analyzed on 05/02/2013.

No difficulties were encountered during the mercury analyses.

Job ID: 240-23749-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

All quality control parameters were within the acceptance limits.

FLASHPOINT

Sample WG-12616-042613-DN-01 (240-23749-2) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 05/03/2013.

No difficulties were encountered during the flashpoint analysis.

All quality control parameters were within the acceptance limits.

PH

Sample WG-12616-042613-DN-01 (240-23749-2) was analyzed for pH in accordance with EPA SW-846 Method 9040C. The samples were analyzed past the method recommended 15 minute holding time on 04/27/2013.

No difficulties were encountered during the pH analysis.

All quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL CAN
9040C	pH	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-23749-1	S-12616-042613-DN-01	Solid	04/26/13 10:10	04/27/13 09:30
240-23749-2	WG-12616-042613-DN-01	Water	04/26/13 10:45	04/27/13 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01

Lab Sample ID: 240-23749-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	130	J	250	12	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	17	J	250	5.4	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	230	J B	250	78	ug/Kg	1	☼	8260B	Total/NA
Toluene	100	J B	250	17	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	6900		250	9.8	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	68	J B	500	8.2	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	520		250	7.0	ug/Kg	1	☼	8260B	Total/NA
trans-1,2-Dichloroethene	110	J	250	9.3	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	8.3	J	250	6.6	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	99	J	500	25	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	65	J	500	12	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.086		0.025	0.0085	mg/L	1		8260B	TCLP
Arsenic	0.0048	J	0.50	0.0032	mg/L	1		6010B	TCLP
Barium	0.60	J B	10	0.00067	mg/L	1		6010B	TCLP
Cadmium	0.0023	J	0.10	0.00066	mg/L	1		6010B	TCLP
Chromium	0.0034	J	0.50	0.0022	mg/L	1		6010B	TCLP
Lead	0.0029	J	0.50	0.0019	mg/L	1		6010B	TCLP
Selenium	0.0052	J B	0.25	0.0041	mg/L	1		6010B	TCLP

Client Sample ID: WG-12616-042613-DN-01

Lab Sample ID: 240-23749-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030	J B	10	0.00067	mg/L	1		6010B	TCLP
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Corrosivity	7.94	H	0.100	0.100	SU	1		9040C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid
Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1000	U	1000	170	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Benzene	250	U	250	12	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Dichlorobromomethane	250	U	250	10	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Bromoform	250	U	250	19	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Bromomethane	250	U	250	29	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
2-Butanone (MEK)	1000	U	1000	43	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Carbon disulfide	**130**	**J**	250	12	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Carbon tetrachloride	250	U	250	6.5	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Chlorobenzene	250	U	250	6.5	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Chloroethane	250	U	250	62	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Chloroform	250	U	250	8.9	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Chloromethane	250	U	250	14	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,1-Dichloroethane	250	U	250	17	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,2-Dichloroethane	250	U	250	10	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,1-Dichloroethene	250	U	250	18	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,2-Dichloropropane	250	U	250	8.3	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
cis-1,3-Dichloropropene	250	U	250	8.0	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Ethylbenzene	**17**	**J**	250	5.4	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
2-Hexanone	1000	U	1000	20	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Methylene Chloride	**230**	**J B**	250	78	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	48	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Styrene	250	U	250	5.6	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,1,2,2-Tetrachloroethane	250	U	250	9.0	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Tetrachloroethene	250	U	250	12	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Toluene	**100**	**J B**	250	17	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Trichloroethene	**6900**		250	9.8	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Vinyl chloride	250	U	250	18	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Xylenes, Total	**68**	**J B**	500	8.2	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,1,1-Trichloroethane	250	U	250	21	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Cyclohexane	500	U	500	40	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Ethylene Dibromide	250	U	250	10	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
cis-1,2-Dichloroethene	**520**		250	7.0	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
trans-1,2-Dichloroethene	**110**	**J**	250	9.3	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Isopropylbenzene	**8.3**	**J**	250	6.6	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Methyl acetate	**99**	**J**	500	25	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Methyl tert-butyl ether	250	U	250	7.2	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	39	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,2,4-Trichlorobenzene	250	U	250	7.4	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,2-Dichlorobenzene	250	U	250	8.7	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,3-Dichlorobenzene	250	U	250	4.8	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
1,4-Dichlorobenzene	250	U	250	8.1	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Trichlorofluoromethane	250	U	250	16	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Chlorodibromomethane	250	U	250	12	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1
Methylcyclohexane	**65**	**J**	500	12	ug/Kg	☼	04/27/13 20:47	04/30/13 13:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid
Percent Solids: 84.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		39 - 128	04/27/13 20:47	04/30/13 13:54	1
4-Bromofluorobenzene (Surr)	80		26 - 141	04/27/13 20:47	04/30/13 13:54	1
Toluene-d8 (Surr)	78		33 - 134	04/27/13 20:47	04/30/13 13:54	1
Dibromofluoromethane (Surr)	77		30 - 122	04/27/13 20:47	04/30/13 13:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			05/01/13 21:51	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			05/01/13 21:51	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			05/01/13 21:51	1
Benzene	0.025	U	0.025	0.0065	mg/L			05/01/13 21:51	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			05/01/13 21:51	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			05/01/13 21:51	1
Chloroform	0.025	U	0.025	0.0080	mg/L			05/01/13 21:51	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			05/01/13 21:51	1
Trichloroethene	**0.086**		0.025	0.0085	mg/L			05/01/13 21:51	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			05/01/13 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 121*		*05/01/13 21:51*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 124*		*05/01/13 21:51*	*1*
Toluene-d8 (Surr)	*108*		*90 - 115*		*05/01/13 21:51*	*1*
Dibromofluoromethane (Surr)	*112*		*84 - 128*		*05/01/13 21:51*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.040	U	0.040	0.00075	mg/L		05/03/13 10:53	05/07/13 17:33	1
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		05/03/13 10:53	05/07/13 17:33	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00027	mg/L		05/03/13 10:53	05/07/13 17:33	1
Hexachlorobenzene	0.020	U	0.020	0.00010	mg/L		05/03/13 10:53	05/07/13 17:33	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		05/03/13 10:53	05/07/13 17:33	1
Hexachloroethane	0.020	U	0.020	0.00080	mg/L		05/03/13 10:53	05/07/13 17:33	1
2-Methylphenol	0.0040	U	0.0040	0.00080	mg/L		05/03/13 10:53	05/07/13 17:33	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		05/03/13 10:53	05/07/13 17:33	1
Pentachlorophenol	0.040	U	0.040	0.0024	mg/L		05/03/13 10:53	05/07/13 17:33	1
Pyridine	0.020	U	0.020	0.00035	mg/L		05/03/13 10:53	05/07/13 17:33	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		05/03/13 10:53	05/07/13 17:33	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00080	mg/L		05/03/13 10:53	05/07/13 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*27 - 110*	*05/03/13 10:53*	*05/07/13 17:33*	*1*
2-Fluorophenol (Surr)	*35*		*10 - 110*	*05/03/13 10:53*	*05/07/13 17:33*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*15 - 110*	*05/03/13 10:53*	*05/07/13 17:33*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 110*	*05/03/13 10:53*	*05/07/13 17:33*	*1*
Phenol-d5 (Surr)	*67*		*20 - 110*	*05/03/13 10:53*	*05/07/13 17:33*	*1*
Terphenyl-d14 (Surr)	*54*		*38 - 110*	*05/03/13 10:53*	*05/07/13 17:33*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid
Percent Solids: 84.2

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	40	U	40	25	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1
Aroclor-1221	40	U	40	19	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1
Aroclor-1232	40	U	40	17	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1
Aroclor-1242	40	U	40	16	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1
Aroclor-1248	40	U	40	20	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1
Aroclor-1254	40	U	40	20	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1
Aroclor-1260	40	U	40	20	ug/Kg	☼	05/06/13 10:05	05/08/13 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*29 - 151*	*05/06/13 10:05*	*05/08/13 03:35*	*1*
DCB Decachlorobiphenyl	*55*		*14 - 163*	*05/06/13 10:05*	*05/08/13 03:35*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0048	J	0.50	0.0032	mg/L		05/01/13 09:58	05/02/13 19:04	1
Barium	0.60	J B	10	0.00067	mg/L		05/01/13 09:58	05/02/13 19:04	1
Cadmium	0.0023	J	0.10	0.00066	mg/L		05/01/13 09:58	05/02/13 19:04	1
Chromium	0.0034	J	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 19:04	1
Lead	0.0029	J	0.50	0.0019	mg/L		05/01/13 09:58	05/02/13 19:04	1
Selenium	0.0052	J B	0.25	0.0041	mg/L		05/01/13 09:58	05/02/13 19:04	1
Silver	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 19:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01
Date Collected: 04/26/13 10:10
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-1
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		05/01/13 15:15	05/02/13 12:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: WG-12616-042613-DN-01
Date Collected: 04/26/13 10:45
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			05/01/13 22:18	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			05/01/13 22:18	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			05/01/13 22:18	1
Benzene	0.025	U	0.025	0.0065	mg/L			05/01/13 22:18	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			05/01/13 22:18	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			05/01/13 22:18	1
Chloroform	0.025	U	0.025	0.0080	mg/L			05/01/13 22:18	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			05/01/13 22:18	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			05/01/13 22:18	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			05/01/13 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 121*		*05/01/13 22:18*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 124*		*05/01/13 22:18*	*1*
Toluene-d8 (Surr)	*105*		*90 - 115*		*05/01/13 22:18*	*1*
Dibromofluoromethane (Surr)	*108*		*84 - 128*		*05/01/13 22:18*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: WG-12616-042613-DN-01
Date Collected: 04/26/13 10:45
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		05/03/13 10:53	05/07/13 17:57	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		05/03/13 10:53	05/07/13 17:57	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00080	mg/L		05/03/13 10:53	05/07/13 17:57	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00027	mg/L		05/03/13 10:53	05/07/13 17:57	1
Hexachlorobenzene	0.020	U	0.020	0.00010	mg/L		05/03/13 10:53	05/07/13 17:57	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		05/03/13 10:53	05/07/13 17:57	1
Hexachloroethane	0.020	U	0.020	0.00080	mg/L		05/03/13 10:53	05/07/13 17:57	1
3 & 4 Methylphenol	0.040	U	0.040	0.00075	mg/L		05/03/13 10:53	05/07/13 17:57	1
2-Methylphenol	0.0040	U	0.0040	0.00080	mg/L		05/03/13 10:53	05/07/13 17:57	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		05/03/13 10:53	05/07/13 17:57	1
Pentachlorophenol	0.040	U	0.040	0.0024	mg/L		05/03/13 10:53	05/07/13 17:57	1
Pyridine	0.020	U	0.020	0.00035	mg/L		05/03/13 10:53	05/07/13 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*27 - 110*	*05/03/13 10:53*	*05/07/13 17:57*	*1*
2-Fluorophenol (Surr)	*17*		*10 - 110*	*05/03/13 10:53*	*05/07/13 17:57*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*15 - 110*	*05/03/13 10:53*	*05/07/13 17:57*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 110*	*05/03/13 10:53*	*05/07/13 17:57*	*1*
Phenol-d5 (Surr)	*59*		*20 - 110*	*05/03/13 10:53*	*05/07/13 17:57*	*1*
Terphenyl-d14 (Surr)	*54*		*38 - 110*	*05/03/13 10:53*	*05/07/13 17:57*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: WG-12616-042613-DN-01
Date Collected: 04/26/13 10:45
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-2
Matrix: Water

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.49	U	0.49	0.17	ug/L		05/02/13 10:34	05/08/13 11:20	1
Aroclor-1221	0.49	U	0.49	0.13	ug/L		05/02/13 10:34	05/08/13 11:20	1
Aroclor-1232	0.49	U	0.49	0.16	ug/L		05/02/13 10:34	05/08/13 11:20	1
Aroclor-1242	0.49	U	0.49	0.22	ug/L		05/02/13 10:34	05/08/13 11:20	1
Aroclor-1248	0.49	U	0.49	0.098	ug/L		05/02/13 10:34	05/08/13 11:20	1
Aroclor-1254	0.49	U	0.49	0.16	ug/L		05/02/13 10:34	05/08/13 11:20	1
Aroclor-1260	0.49	U	0.49	0.17	ug/L		05/02/13 10:34	05/08/13 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*23 - 136*	*05/02/13 10:34*	*05/08/13 11:20*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 130*	*05/02/13 10:34*	*05/08/13 11:20*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: WG-12616-042613-DN-01
Date Collected: 04/26/13 10:45
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-2
Matrix: Water

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		05/01/13 09:58	05/02/13 19:08	1
Barium	**0.030**	**J B**	10	0.00067	mg/L		05/01/13 09:58	05/02/13 19:08	1
Cadmium	0.10	U	0.10	0.00066	mg/L		05/01/13 09:58	05/02/13 19:08	1
Chromium	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 19:08	1
Lead	0.50	U	0.50	0.0019	mg/L		05/01/13 09:58	05/02/13 19:08	1
Selenium	0.25	U	0.25	0.0041	mg/L		05/01/13 09:58	05/02/13 19:08	1
Silver	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 19:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: WG-12616-042613-DN-01
Date Collected: 04/26/13 10:45
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-2
Matrix: Water

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		05/01/13 15:15	05/02/13 13:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: WG-12616-042613-DN-01
Date Collected: 04/26/13 10:45
Date Received: 04/27/13 09:30

Lab Sample ID: 240-23749-2
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.00	1.00	Degrees F			05/03/13 07:58	1
Corrosivity	7.94	H	0.100	0.100	SU			04/27/13 14:44	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(39-128)	(26-141)	(33-134)	(30-122)
240-23749-1	S-12616-042613-DN-01	81	80	78	77
LCS 240-83859/2-A	Lab Control Sample	92	97	92	91
MB 240-83859/1-A	Method Blank	85	92	90	84

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(90-115)	(84-128)
LCS 240-84370/6	Lab Control Sample	107	107	107	114

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(90-115)	(84-128)
240-23749-1	S-12616-042613-DN-01	108	109	108	112
LB 240-84197/1-A MB	Method Blank	106	107	105	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(90-115)	(84-128)
240-23749-2	WG-12616-042613-DN-01	106	105	105	108

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(27-110)	(10-110)	(15-110)	(27-110)	(20-110)	(38-110)		
LCS 240-84627/11-A	Lab Control Sample	73	39	81	73	70	55		
MB 240-84627/10-A	Method Blank	65	36	72	69	67	54		

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(27-110)	(10-110)	(15-110)	(27-110)	(20-110)	(38-110)		
240-23749-1	S-12616-042613-DN-01	67	35	75	69	67	54		

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(27-110)	(10-110)	(15-110)	(27-110)	(20-110)	(38-110)		
240-23749-2	WG-12616-042613-DN-01	69	17	74	73	59	54		

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCB2								
Lab Sample ID	Client Sample ID	(29-151)	(14-163)								
240-23749-1	S-12616-042613-DN-01	67	55								
LCS 240-84797/24-A	Lab Control Sample	106	90								
MB 240-84797/23-A	Method Blank	100	83								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCB2								
Lab Sample ID	Client Sample ID	(23-136)	(10-130)								
240-23749-2	WG-12616-042613-DN-01	66	68								
LCS 240-84471/3-A	Lab Control Sample	72	60								
MB 240-84471/2-A	Method Blank	70	66								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-83859/1-A
Matrix: Solid
Analysis Batch: 84122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1000	U	1000	170	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Dichlorobromomethane	250	U	250	9.9	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Bromoform	250	U	250	19	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Bromomethane	250	U	250	29	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
2-Butanone (MEK)	102	J	1000	43	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Carbon disulfide	250	U	250	12	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Benzene	250	U	250	12	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Carbon tetrachloride	250	U	250	6.4	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Chlorobenzene	250	U	250	6.4	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Chloroethane	250	U	250	61	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Chloroform	250	U	250	8.8	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Chloromethane	250	U	250	14	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,1-Dichloroethane	250	U	250	17	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,2-Dichloroethane	250	U	250	10	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,1-Dichloroethene	250	U	250	18	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,2-Dichloropropane	250	U	250	8.2	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
cis-1,3-Dichloropropene	250	U	250	7.9	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Ethylbenzene	250	U	250	5.4	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
2-Hexanone	1000	U	1000	20	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Methylene Chloride	188	J	250	77	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	48	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Styrene	250	U	250	5.6	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,1,2,2-Tetrachloroethane	250	U	250	8.9	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Tetrachloroethene	250	U	250	12	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Toluene	37.8	J	250	17	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Trichloroethene	250	U	250	9.7	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Vinyl chloride	250	U	250	18	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Xylenes, Total	8.16	J	500	8.1	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,1,1-Trichloroethane	250	U	250	21	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Cyclohexane	500	U	500	40	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Ethylene Dibromide	250	U	250	10	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
cis-1,2-Dichloroethene	250	U	250	6.9	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
trans-1,2-Dichloroethene	250	U	250	9.2	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Isopropylbenzene	250	U	250	6.5	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Methyl acetate	500	U	500	25	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Methyl tert-butyl ether	250	U	250	7.1	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	39	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,2,4-Trichlorobenzene	11.9	J	250	7.3	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,2-Dichlorobenzene	250	U	250	8.6	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,3-Dichlorobenzene	6.21	J	250	4.8	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
1,4-Dichlorobenzene	9.67	J	250	8.0	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Trichlorofluoromethane	250	U	250	16	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Chlorodibromomethane	250	U	250	12	ug/Kg		04/27/13 20:40	04/30/13 13:32	1
Methylcyclohexane	500	U	500	12	ug/Kg		04/27/13 20:40	04/30/13 13:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-83859/1-A
Matrix: Solid
Analysis Batch: 84122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 83859

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		39 - 128	04/27/13 20:40	04/30/13 13:32	1
4-Bromofluorobenzene (Surr)	92		26 - 141	04/27/13 20:40	04/30/13 13:32	1
Toluene-d8 (Surr)	90		33 - 134	04/27/13 20:40	04/30/13 13:32	1
Dibromofluoromethane (Surr)	84		30 - 122	04/27/13 20:40	04/30/13 13:32	1

Lab Sample ID: LCS 240-83859/2-A
Matrix: Solid
Analysis Batch: 84122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	1000	1020		ug/Kg		102	16 - 156
Dichlorobromomethane	500	419		ug/Kg		84	28 - 123
Bromoform	500	507		ug/Kg		101	10 - 117
Bromomethane	500	292		ug/Kg		58	10 - 114
2-Butanone (MEK)	1000	1150		ug/Kg		115	10 - 199
Carbon disulfide	500	405		ug/Kg		81	10 - 132
Benzene	500	479		ug/Kg		96	70 - 117
Carbon tetrachloride	500	393		ug/Kg		79	29 - 118
Chlorobenzene	500	474		ug/Kg		95	71 - 116
Chloroethane	500	296		ug/Kg		59	10 - 120
Chloroform	500	447		ug/Kg		89	63 - 116
Chloromethane	500	362		ug/Kg		72	25 - 110
1,1-Dichloroethane	500	466		ug/Kg		93	63 - 117
1,2-Dichloroethane	500	451		ug/Kg		90	68 - 119
1,1-Dichloroethene	500	471		ug/Kg		94	44 - 143
1,2-Dichloropropane	500	511		ug/Kg		102	73 - 113
cis-1,3-Dichloropropene	500	497		ug/Kg		99	25 - 120
trans-1,3-Dichloropropene	500	510		ug/Kg		102	22 - 122
Ethylbenzene	500	491		ug/Kg		98	66 - 119
2-Hexanone	1000	1090		ug/Kg		109	43 - 130
Methylene Chloride	500	690		ug/Kg		138	27 - 172
4-Methyl-2-pentanone (MIBK)	1000	1030		ug/Kg		103	49 - 121
Styrene	500	502		ug/Kg		100	60 - 120
1,1,2,2-Tetrachloroethane	500	470		ug/Kg		94	54 - 121
Tetrachloroethene	500	510		ug/Kg		102	58 - 131
Toluene	500	552		ug/Kg		110	66 - 123
Trichloroethene	500	506		ug/Kg		101	59 - 124
Vinyl chloride	500	353		ug/Kg		71	33 - 110
Xylenes, Total	1500	1470		ug/Kg		98	68 - 119
1,1,1-Trichloroethane	500	383		ug/Kg		77	38 - 122
1,1,2-Trichloroethane	500	494		ug/Kg		99	74 - 114
Cyclohexane	500	478	J	ug/Kg		96	40 - 120
1,2-Dibromo-3-Chloropropane	500	459	J	ug/Kg		92	10 - 129
Ethylene Dibromide	500	516		ug/Kg		103	47 - 123
Dichlorodifluoromethane	500	195	J	ug/Kg		39	10 - 110
cis-1,2-Dichloroethene	500	474		ug/Kg		95	60 - 125
trans-1,2-Dichloroethene	500	458		ug/Kg		92	58 - 121
Isopropylbenzene	500	444		ug/Kg		89	61 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-83859/2-A
Matrix: Solid
Analysis Batch: 84122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 83859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	500	676		ug/Kg		135	44 - 173
Methyl tert-butyl ether	500	461		ug/Kg		92	34 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	500	530		ug/Kg		106	48 - 151
1,2,4-Trichlorobenzene	500	467		ug/Kg		93	41 - 135
1,2-Dichlorobenzene	500	478		ug/Kg		96	68 - 118
1,3-Dichlorobenzene	500	489		ug/Kg		98	66 - 121
1,4-Dichlorobenzene	500	493		ug/Kg		99	65 - 119
Trichlorofluoromethane	500	308		ug/Kg		62	17 - 145
Chlorodibromomethane	500	480		ug/Kg		96	22 - 113
Methylcyclohexane	500	457	J	ug/Kg		91	41 - 133
m-Xylene & p-Xylene	1000	978		ug/Kg		98	67 - 118
o-Xylene	500	489		ug/Kg		98	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*39 - 128*
4-Bromofluorobenzene (Surr)	*97*		*26 - 141*
Toluene-d8 (Surr)	*92*		*33 - 134*
Dibromofluoromethane (Surr)	*91*		*30 - 122*

Lab Sample ID: LCS 240-84370/6
Matrix: Solid
Analysis Batch: 84370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	2.00	1.83		mg/L		92	49 - 120
Benzene	1.00	0.970		mg/L		97	84 - 120
Carbon tetrachloride	1.00	1.06		mg/L		106	54 - 122
Chlorobenzene	1.00	1.01		mg/L		101	86 - 111
Chloroform	1.00	0.991		mg/L		99	87 - 123
1,2-Dichloroethane	1.00	1.08		mg/L		108	81 - 114
1,1-Dichloroethene	1.00	1.01		mg/L		101	71 - 133
Tetrachloroethene	1.00	1.04		mg/L		104	79 - 134
Trichloroethene	1.00	1.02		mg/L		102	78 - 130
Vinyl chloride	1.00	0.799		mg/L		80	56 - 111

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 121*
4-Bromofluorobenzene (Surr)	*107*		*70 - 124*
Toluene-d8 (Surr)	*107*		*90 - 115*
Dibromofluoromethane (Surr)	*114*		*84 - 128*

Lab Sample ID: LB 240-84197/1-A MB
Matrix: Solid
Analysis Batch: 84370

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			05/01/13 18:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-84197/1-A MB
Matrix: Solid
Analysis Batch: 84370

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.025	U	0.025	0.0065	mg/L			05/01/13 18:25	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			05/01/13 18:25	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			05/01/13 18:25	1
Chloroform	0.025	U	0.025	0.0080	mg/L			05/01/13 18:25	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			05/01/13 18:25	1
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			05/01/13 18:25	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			05/01/13 18:25	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			05/01/13 18:25	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			05/01/13 18:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 121*		*05/01/13 18:25*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 124*		*05/01/13 18:25*	*1*
Toluene-d8 (Surr)	*105*		*90 - 115*		*05/01/13 18:25*	*1*
Dibromofluoromethane (Surr)	*105*		*84 - 128*		*05/01/13 18:25*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-84627/10-A
Matrix: Solid
Analysis Batch: 84950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84627

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		05/03/13 10:53	05/07/13 10:52	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00027	mg/L		05/03/13 10:53	05/07/13 10:52	1
Hexachlorobenzene	0.020	U	0.020	0.00010	mg/L		05/03/13 10:53	05/07/13 10:52	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		05/03/13 10:53	05/07/13 10:52	1
Hexachloroethane	0.020	U	0.020	0.00080	mg/L		05/03/13 10:53	05/07/13 10:52	1
3 & 4 Methylphenol	0.040	U	0.040	0.00075	mg/L		05/03/13 10:53	05/07/13 10:52	1
2-Methylphenol	0.0040	U	0.0040	0.00080	mg/L		05/03/13 10:53	05/07/13 10:52	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		05/03/13 10:53	05/07/13 10:52	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		05/03/13 10:53	05/07/13 10:52	1
Pentachlorophenol	0.040	U	0.040	0.0024	mg/L		05/03/13 10:53	05/07/13 10:52	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00080	mg/L		05/03/13 10:53	05/07/13 10:52	1
Pyridine	0.020	U	0.020	0.00035	mg/L		05/03/13 10:53	05/07/13 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*27 - 110*	*05/03/13 10:53*	*05/07/13 10:52*	*1*
2-Fluorophenol (Surr)	*36*		*10 - 110*	*05/03/13 10:53*	*05/07/13 10:52*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*15 - 110*	*05/03/13 10:53*	*05/07/13 10:52*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 110*	*05/03/13 10:53*	*05/07/13 10:52*	*1*
Phenol-d5 (Surr)	*67*		*20 - 110*	*05/03/13 10:53*	*05/07/13 10:52*	*1*
Terphenyl-d14 (Surr)	*54*		*38 - 110*	*05/03/13 10:53*	*05/07/13 10:52*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-84627/11-A
Matrix: Solid
Analysis Batch: 84950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84627

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0800	0.0575		mg/L		72	16 - 110
2,4-Dinitrotoluene	0.0800	0.0673		mg/L		84	49 - 110
Hexachlorobenzene	0.0800	0.0711		mg/L		89	44 - 110
Hexachlorobutadiene	0.0800	0.0460		mg/L		58	35 - 110
Hexachloroethane	0.0800	0.0502		mg/L		63	34 - 110
3 & 4 Methylphenol	0.160	0.134		mg/L		83	38 - 110
2-Methylphenol	0.0800	0.0627		mg/L		78	36 - 114
Nitrobenzene	0.0800	0.0625		mg/L		78	43 - 110
2,4,5-Trichlorophenol	0.0800	0.0695		mg/L		87	35 - 110
Pentachlorophenol	0.0800	0.0529		mg/L		66	10 - 122
2,4,6-Trichlorophenol	0.0800	0.0689		mg/L		86	36 - 110
Pyridine	0.0800	0.0589		mg/L		74	34 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*73*		*27 - 110*
2-Fluorophenol (Surr)	*39*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*81*		*15 - 110*
Nitrobenzene-d5 (Surr)	*73*		*27 - 110*
Phenol-d5 (Surr)	*70*		*20 - 110*
Terphenyl-d14 (Surr)	*55*		*38 - 110*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-84471/2-A
Matrix: Water
Analysis Batch: 85121

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.50	U	0.50	0.17	ug/L		05/02/13 10:34	05/08/13 11:05	1
Aroclor-1221	0.50	U	0.50	0.13	ug/L		05/02/13 10:34	05/08/13 11:05	1
Aroclor-1232	0.50	U	0.50	0.16	ug/L		05/02/13 10:34	05/08/13 11:05	1
Aroclor-1242	0.50	U	0.50	0.22	ug/L		05/02/13 10:34	05/08/13 11:05	1
Aroclor-1248	0.50	U	0.50	0.10	ug/L		05/02/13 10:34	05/08/13 11:05	1
Aroclor-1254	0.50	U	0.50	0.16	ug/L		05/02/13 10:34	05/08/13 11:05	1
Aroclor-1260	0.50	U	0.50	0.17	ug/L		05/02/13 10:34	05/08/13 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*23 - 136*	*05/02/13 10:34*	*05/08/13 11:05*	*1*
DCB Decachlorobiphenyl	*66*		*10 - 130*	*05/02/13 10:34*	*05/08/13 11:05*	*1*

Lab Sample ID: LCS 240-84471/3-A
Matrix: Water
Analysis Batch: 85121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	5.00	3.98		ug/L		80	66 - 120
Aroclor-1260	5.00	3.93		ug/L		79	55 - 120

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-84471/3-A
Matrix: Water
Analysis Batch: 85121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84471

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*23 - 136*
DCB Decachlorobiphenyl	*60*		*10 - 130*

Lab Sample ID: MB 240-84797/23-A
Matrix: Solid
Analysis Batch: 85071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	33	U	33	21	ug/Kg		05/06/13 10:05	05/08/13 07:17	1
Aroclor-1221	33	U	33	16	ug/Kg		05/06/13 10:05	05/08/13 07:17	1
Aroclor-1232	33	U	33	14	ug/Kg		05/06/13 10:05	05/08/13 07:17	1
Aroclor-1242	33	U	33	13	ug/Kg		05/06/13 10:05	05/08/13 07:17	1
Aroclor-1248	33	U	33	17	ug/Kg		05/06/13 10:05	05/08/13 07:17	1
Aroclor-1254	33	U	33	17	ug/Kg		05/06/13 10:05	05/08/13 07:17	1
Aroclor-1260	33	U	33	17	ug/Kg		05/06/13 10:05	05/08/13 07:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*29 - 151*	*05/06/13 10:05*	*05/08/13 07:17*	*1*
DCB Decachlorobiphenyl	*83*		*14 - 163*	*05/06/13 10:05*	*05/08/13 07:17*	*1*

Lab Sample ID: LCS 240-84797/24-A
Matrix: Solid
Analysis Batch: 85071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84797

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			333	316		ug/Kg		95	62 - 120		
Aroclor-1260			333	332		ug/Kg		100	56 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*106*		*29 - 151*
DCB Decachlorobiphenyl	*90*		*14 - 163*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-84278/2-A
Matrix: Solid
Analysis Batch: 84570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		05/01/13 09:58	05/02/13 17:48	1
Barium	10	U	10	0.00067	mg/L		05/01/13 09:58	05/02/13 17:48	1
Cadmium	0.10	U	0.10	0.00066	mg/L		05/01/13 09:58	05/02/13 17:48	1
Chromium	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 17:48	1
Lead	0.50	U	0.50	0.0019	mg/L		05/01/13 09:58	05/02/13 17:48	1
Selenium	0.25	U	0.25	0.0041	mg/L		05/01/13 09:58	05/02/13 17:48	1
Silver	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 17:48	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-84278/3-A
Matrix: Solid
Analysis Batch: 84570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	2.23		mg/L		111	50 - 150
Barium	2.00	1.93	J	mg/L		97	50 - 150
Cadmium	0.0500	0.0520	J	mg/L		104	50 - 150
Chromium	0.200	0.207	J	mg/L		103	50 - 150
Lead	0.500	0.491	J	mg/L		98	50 - 150
Selenium	2.00	2.16		mg/L		108	50 - 150
Silver	0.0500	0.0544	J	mg/L		109	50 - 150

Lab Sample ID: LB 240-84195/1-D LB
Matrix: Solid
Analysis Batch: 84570

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 84278

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		05/01/13 09:58	05/02/13 17:44	1
Barium	0.00228	J	10	0.00067	mg/L		05/01/13 09:58	05/02/13 17:44	1
Cadmium	0.10	U	0.10	0.00066	mg/L		05/01/13 09:58	05/02/13 17:44	1
Chromium	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 17:44	1
Lead	0.50	U	0.50	0.0019	mg/L		05/01/13 09:58	05/02/13 17:44	1
Selenium	0.00606	J	0.25	0.0041	mg/L		05/01/13 09:58	05/02/13 17:44	1
Silver	0.50	U	0.50	0.0022	mg/L		05/01/13 09:58	05/02/13 17:44	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-84282/2-A
Matrix: Solid
Analysis Batch: 84528

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84282

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		05/01/13 15:15	05/02/13 12:38	1

Lab Sample ID: LCS 240-84282/3-A
Matrix: Solid
Analysis Batch: 84528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84282

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00478		mg/L		96	50 - 150

Lab Sample ID: LB 240-84195/1-E LB
Matrix: Solid
Analysis Batch: 84528

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 84282

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		05/01/13 15:15	05/02/13 12:37	1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-84645/1
Matrix: Water
Analysis Batch: 84645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	79.00		Degrees F		98	97 - 103		

Lab Sample ID: 240-23749-2 DU
Matrix: Water
Analysis Batch: 84645

Client Sample ID: WG-12616-042613-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>180			>180		Degrees F				NC	20

Method: 9040C - pH

Lab Sample ID: LCS 240-83851/2
Matrix: Water
Analysis Batch: 83851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Corrosivity			5.52	5.550		SU		101	97 - 103		

GC/MS VOA

Prep Batch: 83859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	Total/NA	Solid	5035	
LCS 240-83859/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-83859/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 84122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	Total/NA	Solid	8260B	83859
LCS 240-83859/2-A	Lab Control Sample	Total/NA	Solid	8260B	83859
MB 240-83859/1-A	Method Blank	Total/NA	Solid	8260B	83859

Leach Batch: 84197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	1311	
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	1311	
LB 240-84197/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 84370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	8260B	84197
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	8260B	84197
LB 240-84197/1-A MB	Method Blank	TCLP	Solid	8260B	84197
LCS 240-84370/6	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 84195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	1311	
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	1311	

Prep Batch: 84627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	3520C	84195
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	3520C	84195
LCS 240-84627/11-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 240-84627/10-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 84950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	8270C	84627
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	8270C	84627
LCS 240-84627/11-A	Lab Control Sample	Total/NA	Solid	8270C	84627
MB 240-84627/10-A	Method Blank	Total/NA	Solid	8270C	84627

GC Semi VOA

Prep Batch: 84471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-2	WG-12616-042613-DN-01	Total/NA	Water	3520C	
LCS 240-84471/3-A	Lab Control Sample	Total/NA	Water	3520C	

GC Semi VOA (Continued)

Prep Batch: 84471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-84471/2-A	Method Blank	Total/NA	Water	3520C	

Prep Batch: 84797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	Total/NA	Solid	3540C	
LCS 240-84797/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-84797/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 85071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	Total/NA	Solid	8082	84797
LCS 240-84797/24-A	Lab Control Sample	Total/NA	Solid	8082	84797
MB 240-84797/23-A	Method Blank	Total/NA	Solid	8082	84797

Analysis Batch: 85121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-2	WG-12616-042613-DN-01	Total/NA	Water	8082	84471
LCS 240-84471/3-A	Lab Control Sample	Total/NA	Water	8082	84471
MB 240-84471/2-A	Method Blank	Total/NA	Water	8082	84471

Metals

Leach Batch: 84195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	1311	
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	1311	
LB 240-84195/1-D LB	Method Blank	TCLP	Solid	1311	
LB 240-84195/1-E LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 84278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	3010A	84195
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	3010A	84195
LB 240-84195/1-D LB	Method Blank	TCLP	Solid	3010A	84195
LCS 240-84278/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 240-84278/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 84282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	7470A	84195
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	7470A	84195
LB 240-84195/1-E LB	Method Blank	TCLP	Solid	7470A	84195
LCS 240-84282/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 240-84282/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 84528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	7470A	84282
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	7470A	84282
LB 240-84195/1-E LB	Method Blank	TCLP	Solid	7470A	84282

Metals (Continued)

Analysis Batch: 84528 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-84282/3-A	Lab Control Sample	Total/NA	Solid	7470A	84282
MB 240-84282/2-A	Method Blank	Total/NA	Solid	7470A	84282

Analysis Batch: 84570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	TCLP	Solid	6010B	84278
240-23749-2	WG-12616-042613-DN-01	TCLP	Water	6010B	84278
LB 240-84195/1-D LB	Method Blank	TCLP	Solid	6010B	84278
LCS 240-84278/3-A	Lab Control Sample	Total/NA	Solid	6010B	84278
MB 240-84278/2-A	Method Blank	Total/NA	Solid	6010B	84278

General Chemistry

Analysis Batch: 83851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-2	WG-12616-042613-DN-01	Total/NA	Water	9040C	
LCS 240-83851/2	Lab Control Sample	Total/NA	Water	9040C	

Analysis Batch: 83980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-1	S-12616-042613-DN-01	Total/NA	Solid	Moisture	
240-23749-1 DU	S-12616-042613-DN-01	Total/NA	Solid	Moisture	

Analysis Batch: 84645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23749-2	WG-12616-042613-DN-01	Total/NA	Water	1010	
240-23749-2 DU	WG-12616-042613-DN-01	Total/NA	Water	1010	
LCS 240-84645/1	Lab Control Sample	Total/NA	Water	1010	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Client Sample ID: S-12616-042613-DN-01

Lab Sample ID: 240-23749-1

Date Collected: 04/26/13 10:10

Matrix: Solid

Date Received: 04/27/13 09:30

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			83859	04/27/13 20:47	LM	TAL CAN
Total/NA	Analysis	8260B		1	84122	04/30/13 13:54	SM	TAL CAN
TCLP	Leach	1311			84197	04/30/13 17:05	DJ	TAL CAN
TCLP	Analysis	8260B		1	84370	05/01/13 21:51	TL	TAL CAN
TCLP	Leach	1311			84195	04/30/13 16:00	DJ	TAL CAN
TCLP	Prep	3520C			84627	05/03/13 10:53	BM	TAL CAN
TCLP	Analysis	8270C		1	84950	05/07/13 17:33	JG	TAL CAN
Total/NA	Prep	3540C			84797	05/06/13 10:05	AC	TAL CAN
Total/NA	Analysis	8082		1	85071	05/08/13 03:35	LH	TAL CAN
TCLP	Leach	1311			84195	04/30/13 16:00	DJ	TAL CAN
TCLP	Prep	7470A			84282	05/01/13 15:15	DE	TAL CAN
TCLP	Analysis	7470A		1	84528	05/02/13 12:59	AS	TAL CAN
TCLP	Leach	1311			84195	04/30/13 16:00	DJ	TAL CAN
TCLP	Prep	3010A			84278	05/01/13 09:58	DE	TAL CAN
TCLP	Analysis	6010B		1	84570	05/02/13 19:04	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	83980	04/29/13 11:14	JK	TAL CAN
Total/NA	Analysis	Moisture		1	83980	04/29/13 11:14	JK	TAL CAN

Client Sample ID: WG-12616-042613-DN-01

Lab Sample ID: 240-23749-2

Date Collected: 04/26/13 10:45

Matrix: Water

Date Received: 04/27/13 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			84197	04/30/13 17:05	DJ	TAL CAN
TCLP	Analysis	8260B		1	84370	05/01/13 22:18	TL	TAL CAN
TCLP	Leach	1311			84195	04/30/13 16:00	DJ	TAL CAN
TCLP	Prep	3520C			84627	05/03/13 10:53	BM	TAL CAN
TCLP	Analysis	8270C		1	84950	05/07/13 17:57	JG	TAL CAN
Total/NA	Prep	3520C			84471	05/02/13 10:34	BM	TAL CAN
Total/NA	Analysis	8082		1	85121	05/08/13 11:20	LH	TAL CAN
TCLP	Leach	1311			84195	04/30/13 16:00	DJ	TAL CAN
TCLP	Prep	7470A			84282	05/01/13 15:15	DE	TAL CAN
TCLP	Analysis	7470A		1	84528	05/02/13 13:04	AS	TAL CAN
TCLP	Leach	1311			84195	04/30/13 16:00	DJ	TAL CAN
TCLP	Prep	3010A			84278	05/01/13 09:58	DE	TAL CAN
TCLP	Analysis	6010B		1	84570	05/02/13 19:08	NJT	TAL CAN
Total/NA	Analysis	9040C		1	83851	04/27/13 14:44	VP	TAL CAN
Total/NA	Analysis	1010		1	84645	05/03/13 07:58	TH	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-004, Racer Elyria

TestAmerica Job ID: 240-23749-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	4-26-13	015907
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Heckler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER			
Contract/Purchase Order/Quote No.			
12616-TO2			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: TCLP Volatiles	TCLP Semivolatiles	TCLP Metals	PCBs	Fl. point	VOCs - LL	Corrosivity
S-12616-042613-DN-01	4-26-13	1010				X							X	X	X	X	X	X	X
WG-12616-042613-DN-01	4-26-13	1045		X									X	X	X	X	X	X	X
END OF BATCH																			

Special Instructions/ Conditions of Receipt

240-23749 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	4-26-13	1930	1. Received By:	4/27/13	930
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments
WASTE CHARACTERIZATION - DRUMS

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

5/14/2013

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 23749
Canton Facility

Client CRA Site Name _____ Cooler unpacked by: Terri

Cooler Received on 4-27-13 Opened on 4-27-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # 2005020 Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF –0 °C) Observed Cooler Temp. 5.9 °C	Corrected Cooler Temp. 5.9 °C	☐ See Multiple Cooler Form
IR GUN# 4G	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5G	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes (No)	
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were custody seals on the bottle(s)?	Yes (No)	
3. Shippers' packing slip attached to the cooler(s)?	(Yes) No	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
7. Could all bottle labels be reconciled with the COC?	(Yes) No	
8. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
9. Sufficient quantity received to perform indicated analyses?	(Yes) No	
10. Were sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC379740
11. Were VOAs on the COC?	Yes (No)	
12. Were air bubbles >6 mm in any VOA vials?	Yes No (NA)	
13. Was a trip blank present in the cooler(s)?	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-26413-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
7/16/2013 10:01:15 AM

Denise Heckler, Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	RPD of the MS and MSD exceeds the control limits
F	MS or MSD exceeds the control limits
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-26413-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-26413-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 07/02/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.5 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/05/2013, 07/08/2013, 07/09/2013 and 07/11/2013.

There is no MS/MSD in batch 93295 due to an instrument fault.

Methylene Chloride was detected in method blank MB 240-92808/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Methylene Chloride was detected in method blank MB 240-93295/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

1,2,4-Trichlorobenzene exceeded the RPD limit for the MSD of sample WG-12616-062413-DN-01MSD (240-26413-1) in batch 240-92696.

Job ID: 240-26413-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Several analytes failed the recovery criteria low for the MSD of sample WG-12616-062813-DN-39MSD (240-26413-39) in batch 240-92969. Several analytes exceeded the RPD limit.

Samples WG-12616-062713-DN-25 (240-26413-25)[12.5X], WG-12616-062713-DN-30 (240-26413-30)[1.67X], WG-12616-062713-DN-31 (240-26413-31)[1.67X], WG-12616-062913-DN-42 (240-26413-42)[20X], WG-12616-062913-DN-43 (240-26413-43)[3.33X] and WG-12616-062913-DN-45 (240-26413-45)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-26413-1	WG-12616-062413-DN-01	Water	06/24/13 07:45	07/02/13 09:20
240-26413-2	WG-12616-062413-DN-02	Water	06/24/13 08:50	07/02/13 09:20
240-26413-3	WG-12616-062413-DN-03	Water	06/24/13 10:05	07/02/13 09:20
240-26413-4	WG-12616-062413-DN-04	Water	06/24/13 11:05	07/02/13 09:20
240-26413-5	WG-12616-062413-DN-05	Water	06/24/13 13:20	07/02/13 09:20
240-26413-6	WG-12616-062413-DN-06	Water	06/24/13 13:55	07/02/13 09:20
240-26413-7	WG-12616-062413-DN-07	Water	06/24/13 15:20	07/02/13 09:20
240-26413-8	WG-12616-062413-DN-08	Water	06/24/13 16:30	07/02/13 09:20
240-26413-9	WG-12616-062413-DN-09	Water	06/24/13 17:55	07/02/13 09:20
240-26413-10	WG-12616-062513-DN-10	Water	06/25/13 06:55	07/02/13 09:20
240-26413-11	WG-12616-062513-DN-11	Water	06/25/13 07:45	07/02/13 09:20
240-26413-12	WG-12616-062513-DN-12	Water	06/25/13 08:20	07/02/13 09:20
240-26413-13	WG-12616-062513-DN-13	Water	06/25/13 13:15	07/02/13 09:20
240-26413-14	WG-12616-062513-DN-14	Water	06/25/13 14:35	07/02/13 09:20
240-26413-15	WG-12616-062513-DN-15	Water	06/25/13 15:50	07/02/13 09:20
240-26413-16	WG-12616-062513-DN-16	Water	06/25/13 17:05	07/02/13 09:20
240-26413-17	WG-12616-062513-DN-17	Water	06/25/13 18:10	07/02/13 09:20
240-26413-18	WG-12616-062613-DN-18	Water	06/26/13 06:50	07/02/13 09:20
240-26413-19	WG-12616-062613-DN-19	Water	06/26/13 08:15	07/02/13 09:20
240-26413-20	WG-12616-062613-DN-20	Water	06/26/13 13:05	07/02/13 09:20
240-26413-21	WG-12616-062613-DN-21	Water	06/26/13 14:15	07/02/13 09:20
240-26413-22	WG-12616-062613-DN-22	Water	06/26/13 15:25	07/02/13 09:20
240-26413-23	WG-12616-062613-DN-23	Water	06/26/13 16:35	07/02/13 09:20
240-26413-24	WG-12616-062613-DN-24	Water	06/26/13 17:50	07/02/13 09:20
240-26413-25	WG-12616-062713-DN-25	Water	06/27/13 07:20	07/02/13 09:20
240-26413-26	WG-12616-062713-DN-26	Water	06/27/13 08:50	07/02/13 09:20
240-26413-27	WG-12616-062713-DN-27	Water	06/27/13 10:45	07/02/13 09:20
240-26413-28	WG-12616-062713-DN-28	Water	06/27/13 13:20	07/02/13 09:20
240-26413-29	WG-12616-062713-DN-29	Water	06/27/13 15:10	07/02/13 09:20
240-26413-30	WG-12616-062713-DN-30	Water	06/27/13 16:30	07/02/13 09:20
240-26413-31	WG-12616-062713-DN-31	Water	06/27/13 17:40	07/02/13 09:20
240-26413-32	WG-12616-062713-DN-32	Water	06/27/13 17:55	07/02/13 09:20
240-26413-33	WG-12616-062813-DN-33	Water	06/28/13 07:20	07/02/13 09:20
240-26413-34	WG-12616-062813-DN-34	Water	06/28/13 08:50	07/02/13 09:20
240-26413-35	WG-12616-062813-DN-35	Water	06/28/13 10:20	07/02/13 09:20
240-26413-36	WG-12616-062813-DN-36	Water	06/28/13 11:50	07/02/13 09:20
240-26413-37	WG-12616-062813-DN-37	Water	06/28/13 13:15	07/02/13 09:20
240-26413-38	WG-12616-062813-DN-38	Water	06/28/13 14:35	07/02/13 09:20
240-26413-39	WG-12616-062813-DN-39	Water	06/28/13 15:55	07/02/13 09:20
240-26413-40	WG-12616-062813-DN-40	Water	06/28/13 17:05	07/02/13 09:20
240-26413-41	WG-12616-062913-DN-41	Water	06/29/13 09:50	07/02/13 09:20
240-26413-42	WG-12616-062913-DN-42	Water	06/29/13 11:00	07/02/13 09:20
240-26413-43	WG-12616-062913-DN-43	Water	06/29/13 12:20	07/02/13 09:20
240-26413-44	WG-12616-062913-DN-44	Water	06/29/13 13:40	07/02/13 09:20
240-26413-45	WG-12616-062913-DN-45	Water	06/29/13 14:45	07/02/13 09:20
240-26413-46	RB-12616-062913-DN-46	Water	06/29/13 15:10	07/02/13 09:20
240-26413-47	TB-12616-001	Water	06/24/13 00:00	07/02/13 09:20

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-01 — **Lab Sample ID: 240-26413-1**

No Detections.

Client Sample ID: WG-12616-062413-DN-02 — **Lab Sample ID: 240-26413-2**

No Detections.

Client Sample ID: WG-12616-062413-DN-03 — **Lab Sample ID: 240-26413-3**

No Detections.

Client Sample ID: WG-12616-062413-DN-04 — **Lab Sample ID: 240-26413-4**

No Detections.

Client Sample ID: WG-12616-062413-DN-05 — **Lab Sample ID: 240-26413-5**

No Detections.

Client Sample ID: WG-12616-062413-DN-06 — **Lab Sample ID: 240-26413-6**

No Detections.

Client Sample ID: WG-12616-062413-DN-07 — **Lab Sample ID: 240-26413-7**

No Detections.

Client Sample ID: WG-12616-062413-DN-08 — **Lab Sample ID: 240-26413-8**

No Detections.

Client Sample ID: WG-12616-062413-DN-09 — **Lab Sample ID: 240-26413-9**

No Detections.

Client Sample ID: WG-12616-062513-DN-10 — **Lab Sample ID: 240-26413-10**

No Detections.

Client Sample ID: WG-12616-062513-DN-11 — **Lab Sample ID: 240-26413-11**

No Detections.

Client Sample ID: WG-12616-062513-DN-12 — **Lab Sample ID: 240-26413-12**

No Detections.

Client Sample ID: WG-12616-062513-DN-13 — **Lab Sample ID: 240-26413-13**

No Detections.

Client Sample ID: WG-12616-062513-DN-14 — **Lab Sample ID: 240-26413-14**

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-15 — Lab Sample ID: 240-26413-15

No Detections.

Client Sample ID: WG-12616-062513-DN-16 — Lab Sample ID: 240-26413-16

No Detections.

Client Sample ID: WG-12616-062513-DN-17 — Lab Sample ID: 240-26413-17

No Detections.

Client Sample ID: WG-12616-062613-DN-18 — Lab Sample ID: 240-26413-18

No Detections.

Client Sample ID: WG-12616-062613-DN-19 — Lab Sample ID: 240-26413-19

No Detections.

Client Sample ID: WG-12616-062613-DN-20 — Lab Sample ID: 240-26413-20

No Detections.

Client Sample ID: WG-12616-062613-DN-21 — Lab Sample ID: 240-26413-21

No Detections.

Client Sample ID: WG-12616-062613-DN-22 — Lab Sample ID: 240-26413-22

No Detections.

Client Sample ID: WG-12616-062613-DN-23 — Lab Sample ID: 240-26413-23

No Detections.

Client Sample ID: WG-12616-062613-DN-24 — Lab Sample ID: 240-26413-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.42	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062713-DN-25 — Lab Sample ID: 240-26413-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	25	J	130	14	ug/L	12.5		8260B	Total/NA
Trichloroethene	460		13	2.1	ug/L	12.5		8260B	Total/NA
Vinyl chloride	95		13	2.8	ug/L	12.5		8260B	Total/NA
cis-1,2-Dichloroethene	380		13	2.1	ug/L	12.5		8260B	Total/NA
trans-1,2-Dichloroethene	190		13	2.4	ug/L	12.5		8260B	Total/NA

Client Sample ID: WG-12616-062713-DN-26 — Lab Sample ID: 240-26413-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.9		1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.6		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.5		1.0	0.19	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-27 — Lab Sample ID: 240-26413-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.85	J	1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.20	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062713-DN-28 — Lab Sample ID: 240-26413-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.61	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	2.3		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062713-DN-29 — Lab Sample ID: 240-26413-29

No Detections.

Client Sample ID: WG-12616-062713-DN-30 — Lab Sample ID: 240-26413-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	17	1.8	ug/L	1.67		8260B	Total/NA
Vinyl chloride	9.0		1.7	0.37	ug/L	1.67		8260B	Total/NA
cis-1,2-Dichloroethene	54		1.7	0.28	ug/L	1.67		8260B	Total/NA
trans-1,2-Dichloroethene	3.8		1.7	0.32	ug/L	1.67		8260B	Total/NA

Client Sample ID: WG-12616-062713-DN-31 — Lab Sample ID: 240-26413-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.2	J	17	1.8	ug/L	1.67		8260B	Total/NA
Vinyl chloride	8.7		1.7	0.37	ug/L	1.67		8260B	Total/NA
cis-1,2-Dichloroethene	53		1.7	0.28	ug/L	1.67		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		1.7	0.32	ug/L	1.67		8260B	Total/NA

Client Sample ID: WG-12616-062713-DN-32 — Lab Sample ID: 240-26413-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	11		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062813-DN-33 — Lab Sample ID: 240-26413-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	3.3		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062813-DN-34 — Lab Sample ID: 240-26413-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	6.3		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062813-DN-35 — Lab Sample ID: 240-26413-35

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-36 — Lab Sample ID: 240-26413-36

No Detections.

Client Sample ID: WG-12616-062813-DN-37 — Lab Sample ID: 240-26413-37

No Detections.

Client Sample ID: WG-12616-062813-DN-38 — Lab Sample ID: 240-26413-38

No Detections.

Client Sample ID: WG-12616-062813-DN-39 — Lab Sample ID: 240-26413-39

No Detections.

Client Sample ID: WG-12616-062813-DN-40 — Lab Sample ID: 240-26413-40

No Detections.

Client Sample ID: WG-12616-062913-DN-41 — Lab Sample ID: 240-26413-41

No Detections.

Client Sample ID: WG-12616-062913-DN-42 — Lab Sample ID: 240-26413-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	28	B	20	6.6	ug/L	20		8260B	Total/NA
Trichloroethene	340		20	3.4	ug/L	20		8260B	Total/NA
Vinyl chloride	27		20	4.4	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene	620		20	3.4	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	37		20	3.8	ug/L	20		8260B	Total/NA

Client Sample ID: WG-12616-062913-DN-43 — Lab Sample ID: 240-26413-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.5	J	3.3	0.50	ug/L	3.33		8260B	Total/NA
Methylene Chloride	3.3	B	3.3	1.1	ug/L	3.33		8260B	Total/NA
Trichloroethene	11		3.3	0.57	ug/L	3.33		8260B	Total/NA
Vinyl chloride	12		3.3	0.73	ug/L	3.33		8260B	Total/NA
cis-1,2-Dichloroethene	110		3.3	0.57	ug/L	3.33		8260B	Total/NA
trans-1,2-Dichloroethene	48		3.3	0.63	ug/L	3.33		8260B	Total/NA

Client Sample ID: WG-12616-062913-DN-44 — Lab Sample ID: 240-26413-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.5		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	10		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.6		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-062913-DN-45 — Lab Sample ID: 240-26413-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	16	B	10	3.3	ug/L	10		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-45 (Continued)

Lab Sample ID: 240-26413-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	230		10	2.2	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	160		10	1.7	ug/L	10		8260B	Total/NA
trans-1,2-Dichloroethene	17		10	1.9	ug/L	10		8260B	Total/NA

Client Sample ID: RB-12616-062913-DN-46

Lab Sample ID: 240-26413-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.2	J	10	0.57	ug/L	1		8260B	Total/NA

Client Sample ID: TB-12616-001

Lab Sample ID: 240-26413-47

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-01
Date Collected: 06/24/13 07:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 17:34	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 17:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 17:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 17:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 17:34	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 17:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 17:34	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 17:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 17:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 17:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 17:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 17:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 17:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 17:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 17:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 17:34	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 17:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 17:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 17:34	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 17:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 17:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 17:34	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 17:34	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 17:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 17:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 17:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 17:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 17:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 17:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 17:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 17:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 17:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 17:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 17:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 17:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 17:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 17:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 17:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 17:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 17:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 17:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-01
Date Collected: 06/24/13 07:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		07/05/13 17:34	1
4-Bromofluorobenzene (Surr)	86		66 - 117		07/05/13 17:34	1
Toluene-d8 (Surr)	94		74 - 115		07/05/13 17:34	1
Dibromofluoromethane (Surr)	103		75 - 121		07/05/13 17:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-02
Date Collected: 06/24/13 08:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 17:56	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 17:56	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 17:56	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 17:56	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 17:56	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 17:56	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 17:56	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 17:56	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 17:56	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 17:56	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 17:56	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 17:56	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 17:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 17:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 17:56	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 17:56	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 17:56	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 17:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 17:56	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 17:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 17:56	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 17:56	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 17:56	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 17:56	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 17:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 17:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 17:56	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 17:56	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 17:56	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 17:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 17:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 17:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 17:56	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 17:56	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 17:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 17:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 17:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 17:56	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 17:56	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 17:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-02
Date Collected: 06/24/13 08:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		07/05/13 17:56	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/05/13 17:56	1
Toluene-d8 (Surr)	93		74 - 115		07/05/13 17:56	1
Dibromofluoromethane (Surr)	103		75 - 121		07/05/13 17:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-03
Date Collected: 06/24/13 10:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 18:19	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 18:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 18:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 18:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 18:19	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 18:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 18:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 18:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 18:19	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 18:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 18:19	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 18:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 18:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 18:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 18:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 18:19	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 18:19	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 18:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 18:19	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 18:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 18:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 18:19	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 18:19	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 18:19	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 18:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 18:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 18:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 18:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 18:19	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 18:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 18:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 18:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 18:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 18:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 18:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 18:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 18:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 18:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 18:19	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 18:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 18:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-03
Date Collected: 06/24/13 10:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		07/05/13 18:19	1
4-Bromofluorobenzene (Surr)	83		66 - 117		07/05/13 18:19	1
Toluene-d8 (Surr)	91		74 - 115		07/05/13 18:19	1
Dibromofluoromethane (Surr)	103		75 - 121		07/05/13 18:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-04
Date Collected: 06/24/13 11:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 18:42	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 18:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 18:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 18:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 18:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 18:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 18:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 18:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 18:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 18:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 18:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 18:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 18:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 18:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 18:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 18:42	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 18:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 18:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 18:42	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 18:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 18:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 18:42	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 18:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 18:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 18:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 18:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 18:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 18:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 18:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 18:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 18:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 18:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 18:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 18:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 18:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 18:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 18:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 18:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 18:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 18:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 18:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-04
Date Collected: 06/24/13 11:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		07/05/13 18:42	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/05/13 18:42	1
Toluene-d8 (Surr)	89		74 - 115		07/05/13 18:42	1
Dibromofluoromethane (Surr)	101		75 - 121		07/05/13 18:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-05
Date Collected: 06/24/13 13:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 19:05	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 19:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 19:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 19:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 19:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 19:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 19:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 19:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 19:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 19:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 19:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 19:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 19:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 19:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 19:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 19:05	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 19:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 19:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 19:05	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 19:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 19:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 19:05	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 19:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 19:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 19:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 19:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 19:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 19:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 19:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 19:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 19:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 19:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 19:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 19:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 19:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 19:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 19:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 19:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 19:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 19:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 19:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-05
Date Collected: 06/24/13 13:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		07/05/13 19:05	1
4-Bromofluorobenzene (Surr)	76		66 - 117		07/05/13 19:05	1
Toluene-d8 (Surr)	89		74 - 115		07/05/13 19:05	1
Dibromofluoromethane (Surr)	103		75 - 121		07/05/13 19:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-06
Date Collected: 06/24/13 13:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 19:27	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 19:27	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 19:27	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 19:27	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 19:27	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 19:27	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 19:27	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 19:27	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 19:27	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 19:27	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 19:27	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 19:27	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 19:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 19:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 19:27	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 19:27	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 19:27	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 19:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 19:27	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 19:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 19:27	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 19:27	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 19:27	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 19:27	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 19:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 19:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 19:27	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 19:27	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 19:27	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 19:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 19:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 19:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 19:27	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 19:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 19:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 19:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 19:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 19:27	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 19:27	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 19:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-06
Date Collected: 06/24/13 13:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/05/13 19:27	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/05/13 19:27	1
Toluene-d8 (Surr)	88		74 - 115		07/05/13 19:27	1
Dibromofluoromethane (Surr)	98		75 - 121		07/05/13 19:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-07
Date Collected: 06/24/13 15:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 19:49	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 19:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 19:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 19:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 19:49	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 19:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 19:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 19:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 19:49	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 19:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 19:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 19:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 19:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 19:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 19:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 19:49	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 19:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 19:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 19:49	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 19:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 19:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 19:49	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 19:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 19:49	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 19:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 19:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 19:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 19:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 19:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 19:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 19:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 19:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 19:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 19:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 19:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 19:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 19:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 19:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 19:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 19:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-07
Date Collected: 06/24/13 15:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		07/05/13 19:49	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/05/13 19:49	1
Toluene-d8 (Surr)	92		74 - 115		07/05/13 19:49	1
Dibromofluoromethane (Surr)	108		75 - 121		07/05/13 19:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-08
Date Collected: 06/24/13 16:30
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 20:12	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 20:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 20:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 20:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 20:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 20:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 20:12	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 20:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 20:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 20:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 20:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 20:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 20:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 20:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 20:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 20:12	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 20:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 20:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 20:12	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 20:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 20:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 20:12	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 20:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 20:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 20:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 20:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 20:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 20:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 20:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 20:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 20:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 20:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 20:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 20:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 20:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 20:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 20:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 20:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 20:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 20:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 20:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-08
Date Collected: 06/24/13 16:30
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		07/05/13 20:12	1
4-Bromofluorobenzene (Surr)	82		66 - 117		07/05/13 20:12	1
Toluene-d8 (Surr)	92		74 - 115		07/05/13 20:12	1
Dibromofluoromethane (Surr)	106		75 - 121		07/05/13 20:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-09
Date Collected: 06/24/13 17:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 13:21	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 13:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 13:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 13:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 13:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 13:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 13:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 13:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 13:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 13:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 13:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 13:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 13:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 13:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 13:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 13:21	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 13:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 13:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 13:21	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 13:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 13:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 13:21	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 13:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 13:21	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 13:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 13:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 13:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 13:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 13:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 13:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 13:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 13:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 13:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 13:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 13:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 13:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 13:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 13:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 13:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 13:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 13:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-09
Date Collected: 06/24/13 17:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/08/13 13:21	1
4-Bromofluorobenzene (Surr)	82		66 - 117		07/08/13 13:21	1
Toluene-d8 (Surr)	91		74 - 115		07/08/13 13:21	1
Dibromofluoromethane (Surr)	93		75 - 121		07/08/13 13:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-10
Date Collected: 06/25/13 06:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 14:07	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 14:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 14:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 14:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 14:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 14:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 14:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 14:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 14:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 14:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 14:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 14:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 14:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 14:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 14:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 14:07	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 14:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 14:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 14:07	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 14:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 14:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 14:07	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 14:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 14:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 14:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 14:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 14:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 14:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 14:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 14:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 14:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 14:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 14:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 14:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 14:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 14:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 14:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 14:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 14:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 14:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 14:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-10
Date Collected: 06/25/13 06:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		07/08/13 14:07	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/08/13 14:07	1
Toluene-d8 (Surr)	87		74 - 115		07/08/13 14:07	1
Dibromofluoromethane (Surr)	105		75 - 121		07/08/13 14:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-11
Date Collected: 06/25/13 07:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 14:31	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 14:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 14:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 14:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 14:31	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 14:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 14:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 14:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 14:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 14:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 14:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 14:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 14:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 14:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 14:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 14:31	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 14:31	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 14:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 14:31	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 14:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 14:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 14:31	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 14:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 14:31	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 14:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 14:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 14:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 14:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 14:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 14:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 14:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 14:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 14:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 14:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 14:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 14:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 14:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 14:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 14:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 14:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-11
Date Collected: 06/25/13 07:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/08/13 14:31	1
4-Bromofluorobenzene (Surr)	81		66 - 117		07/08/13 14:31	1
Toluene-d8 (Surr)	88		74 - 115		07/08/13 14:31	1
Dibromofluoromethane (Surr)	105		75 - 121		07/08/13 14:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-12
Date Collected: 06/25/13 08:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 14:54	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 14:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 14:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 14:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 14:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 14:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 14:54	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 14:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 14:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 14:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 14:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 14:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 14:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 14:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 14:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 14:54	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 14:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 14:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 14:54	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 14:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 14:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 14:54	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 14:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 14:54	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 14:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 14:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 14:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 14:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 14:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 14:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 14:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 14:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 14:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 14:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 14:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 14:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 14:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 14:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 14:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 14:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-12
Date Collected: 06/25/13 08:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		07/08/13 14:54	1
4-Bromofluorobenzene (Surr)	88		66 - 117		07/08/13 14:54	1
Toluene-d8 (Surr)	89		74 - 115		07/08/13 14:54	1
Dibromofluoromethane (Surr)	96		75 - 121		07/08/13 14:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-13
Date Collected: 06/25/13 13:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 15:18	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 15:18	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 15:18	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 15:18	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 15:18	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 15:18	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 15:18	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 15:18	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 15:18	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 15:18	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 15:18	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 15:18	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 15:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 15:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 15:18	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 15:18	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 15:18	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 15:18	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 15:18	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 15:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 15:18	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 15:18	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 15:18	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 15:18	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 15:18	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 15:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 15:18	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 15:18	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 15:18	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 15:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 15:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 15:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 15:18	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 15:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 15:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 15:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 15:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 15:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 15:18	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 15:18	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 15:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-13
Date Collected: 06/25/13 13:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		07/08/13 15:18	1
4-Bromofluorobenzene (Surr)	81		66 - 117		07/08/13 15:18	1
Toluene-d8 (Surr)	90		74 - 115		07/08/13 15:18	1
Dibromofluoromethane (Surr)	97		75 - 121		07/08/13 15:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-14
Date Collected: 06/25/13 14:35
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 16:53	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 16:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 16:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 16:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 16:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 16:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 16:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 16:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 16:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 16:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 16:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 16:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 16:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 16:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 16:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 16:53	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 16:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 16:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 16:53	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 16:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 16:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 16:53	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 16:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 16:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 16:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 16:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 16:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 16:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 16:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 16:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 16:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 16:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 16:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 16:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 16:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 16:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 16:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 16:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 16:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 16:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 16:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-14
Date Collected: 06/25/13 14:35
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		07/08/13 16:53	1
4-Bromofluorobenzene (Surr)	82		66 - 117		07/08/13 16:53	1
Toluene-d8 (Surr)	89		74 - 115		07/08/13 16:53	1
Dibromofluoromethane (Surr)	104		75 - 121		07/08/13 16:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-15
Date Collected: 06/25/13 15:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 17:17	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 17:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 17:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 17:17	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 17:17	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 17:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 17:17	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 17:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 17:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 17:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 17:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 17:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 17:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 17:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 17:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 17:17	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 17:17	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 17:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 17:17	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 17:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 17:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 17:17	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 17:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 17:17	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 17:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 17:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 17:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 17:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 17:17	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 17:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 17:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 17:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 17:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 17:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 17:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 17:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 17:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 17:17	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 17:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 17:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-15
Date Collected: 06/25/13 15:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/08/13 17:17	1
4-Bromofluorobenzene (Surr)	83		66 - 117		07/08/13 17:17	1
Toluene-d8 (Surr)	90		74 - 115		07/08/13 17:17	1
Dibromofluoromethane (Surr)	95		75 - 121		07/08/13 17:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-16
Date Collected: 06/25/13 17:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 17:41	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 17:41	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 17:41	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 17:41	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 17:41	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 17:41	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 17:41	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 17:41	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 17:41	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 17:41	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 17:41	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 17:41	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 17:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 17:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 17:41	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 17:41	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 17:41	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 17:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 17:41	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 17:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 17:41	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 17:41	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 17:41	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 17:41	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 17:41	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 17:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 17:41	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 17:41	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 17:41	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 17:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 17:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 17:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 17:41	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 17:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 17:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 17:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 17:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 17:41	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 17:41	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 17:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-16
Date Collected: 06/25/13 17:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/08/13 17:41	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/08/13 17:41	1
Toluene-d8 (Surr)	87		74 - 115		07/08/13 17:41	1
Dibromofluoromethane (Surr)	95		75 - 121		07/08/13 17:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-17
Date Collected: 06/25/13 18:10
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 18:05	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 18:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 18:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 18:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 18:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 18:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 18:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 18:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 18:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 18:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 18:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 18:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 18:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 18:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 18:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 18:05	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 18:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 18:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 18:05	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 18:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 18:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 18:05	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 18:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 18:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 18:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 18:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 18:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 18:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 18:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 18:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 18:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 18:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 18:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 18:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 18:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 18:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 18:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 18:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 18:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 18:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062513-DN-17
Date Collected: 06/25/13 18:10
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/08/13 18:05	1
4-Bromofluorobenzene (Surr)	85		66 - 117		07/08/13 18:05	1
Toluene-d8 (Surr)	92		74 - 115		07/08/13 18:05	1
Dibromofluoromethane (Surr)	97		75 - 121		07/08/13 18:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-18
Date Collected: 06/26/13 06:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 23:59	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 23:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 23:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 23:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 23:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 23:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 23:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 23:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 23:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 23:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 23:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 23:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 23:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 23:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 23:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 23:59	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 23:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 23:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 23:59	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 23:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 23:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 23:59	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 23:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 23:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 23:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 23:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 23:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 23:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 23:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 23:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 23:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 23:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 23:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 23:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 23:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 23:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 23:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 23:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 23:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 23:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 23:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-18
Date Collected: 06/26/13 06:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		07/08/13 23:59	1
4-Bromofluorobenzene (Surr)	79		66 - 117		07/08/13 23:59	1
Toluene-d8 (Surr)	85		74 - 115		07/08/13 23:59	1
Dibromofluoromethane (Surr)	95		75 - 121		07/08/13 23:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-19
Date Collected: 06/26/13 08:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 00:23	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 00:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 00:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 00:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 00:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 00:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 00:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 00:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 00:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 00:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 00:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 00:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 00:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 00:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 00:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 00:23	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 00:23	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 00:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 00:23	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 00:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 00:23	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 00:23	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 00:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 00:23	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 00:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 00:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 00:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 00:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 00:23	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 00:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 00:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 00:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 00:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 00:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 00:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 00:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 00:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 00:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 00:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 00:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-19
Date Collected: 06/26/13 08:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/09/13 00:23	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/09/13 00:23	1
Toluene-d8 (Surr)	86		74 - 115		07/09/13 00:23	1
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 00:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-20
Date Collected: 06/26/13 13:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 00:46	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 00:46	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 00:46	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 00:46	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 00:46	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 00:46	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 00:46	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 00:46	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 00:46	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 00:46	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 00:46	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 00:46	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 00:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 00:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 00:46	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 00:46	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 00:46	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 00:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 00:46	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 00:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 00:46	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 00:46	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 00:46	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 00:46	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 00:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 00:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 00:46	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 00:46	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 00:46	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 00:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 00:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 00:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 00:46	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 00:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 00:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 00:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 00:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 00:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 00:46	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 00:46	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 00:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-20
Date Collected: 06/26/13 13:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/09/13 00:46	1
4-Bromofluorobenzene (Surr)	82		66 - 117		07/09/13 00:46	1
Toluene-d8 (Surr)	94		74 - 115		07/09/13 00:46	1
Dibromofluoromethane (Surr)	97		75 - 121		07/09/13 00:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-21
Date Collected: 06/26/13 14:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 01:10	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 01:10	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 01:10	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 01:10	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 01:10	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 01:10	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 01:10	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 01:10	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 01:10	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 01:10	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 01:10	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 01:10	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 01:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 01:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 01:10	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 01:10	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 01:10	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 01:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 01:10	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 01:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 01:10	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 01:10	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 01:10	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 01:10	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 01:10	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 01:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 01:10	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 01:10	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 01:10	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 01:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 01:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 01:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 01:10	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 01:10	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 01:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 01:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 01:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 01:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 01:10	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 01:10	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 01:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-21
Date Collected: 06/26/13 14:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		07/09/13 01:10	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/09/13 01:10	1
Toluene-d8 (Surr)	90		74 - 115		07/09/13 01:10	1
Dibromofluoromethane (Surr)	104		75 - 121		07/09/13 01:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-22
Date Collected: 06/26/13 15:25
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 01:33	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 01:33	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 01:33	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 01:33	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 01:33	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 01:33	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 01:33	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 01:33	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 01:33	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 01:33	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 01:33	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 01:33	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 01:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 01:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 01:33	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 01:33	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 01:33	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 01:33	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 01:33	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 01:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 01:33	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 01:33	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 01:33	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 01:33	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 01:33	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 01:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 01:33	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 01:33	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 01:33	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 01:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 01:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 01:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 01:33	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 01:33	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 01:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 01:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 01:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 01:33	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 01:33	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 01:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-22
Date Collected: 06/26/13 15:25
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/09/13 01:33	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/09/13 01:33	1
Toluene-d8 (Surr)	86		74 - 115		07/09/13 01:33	1
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 01:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-23
Date Collected: 06/26/13 16:35
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 01:57	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 01:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 01:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 01:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 01:57	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 01:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 01:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 01:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 01:57	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 01:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 01:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 01:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 01:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 01:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 01:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 01:57	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 01:57	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 01:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 01:57	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 01:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 01:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 01:57	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 01:57	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 01:57	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 01:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 01:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 01:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 01:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 01:57	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 01:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 01:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 01:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 01:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 01:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 01:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 01:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 01:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 01:57	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 01:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 01:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-23
Date Collected: 06/26/13 16:35
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		07/09/13 01:57	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/09/13 01:57	1
Toluene-d8 (Surr)	92		74 - 115		07/09/13 01:57	1
Dibromofluoromethane (Surr)	95		75 - 121		07/09/13 01:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-24
Date Collected: 06/26/13 17:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 02:21	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 02:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 02:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 02:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 02:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 02:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 02:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 02:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 02:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 02:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 02:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 02:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 02:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 02:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 02:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 02:21	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 02:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 02:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 02:21	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 02:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 02:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 02:21	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 02:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 02:21	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 02:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 02:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 02:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 02:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 02:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 02:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 02:21	1
cis-1,2-Dichloroethene	**0.42**	**J**	1.0	0.17	ug/L			07/09/13 02:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 02:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 02:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 02:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 02:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 02:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 02:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 02:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 02:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 02:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062613-DN-24
Date Collected: 06/26/13 17:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/09/13 02:21	1
4-Bromofluorobenzene (Surr)	78		66 - 117		07/09/13 02:21	1
Toluene-d8 (Surr)	89		74 - 115		07/09/13 02:21	1
Dibromofluoromethane (Surr)	103		75 - 121		07/09/13 02:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-25
Date Collected: 06/27/13 07:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**25**	**J**	130	14	ug/L			07/09/13 18:54	12.5
Benzene	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
Dichlorobromomethane	13	U	13	1.9	ug/L			07/09/13 18:54	12.5
Bromoform	13	U	13	8.0	ug/L			07/09/13 18:54	12.5
Bromomethane	13	U	13	5.1	ug/L			07/09/13 18:54	12.5
2-Butanone (MEK)	130	U	130	7.1	ug/L			07/09/13 18:54	12.5
Carbon disulfide	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
Carbon tetrachloride	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
Chlorobenzene	13	U	13	1.9	ug/L			07/09/13 18:54	12.5
Chloroethane	13	U	13	3.6	ug/L			07/09/13 18:54	12.5
Chloroform	13	U	13	2.0	ug/L			07/09/13 18:54	12.5
Chloromethane	13	U	13	3.8	ug/L			07/09/13 18:54	12.5
1,1-Dichloroethane	13	U	13	1.9	ug/L			07/09/13 18:54	12.5
1,2-Dichloroethane	13	U	13	2.8	ug/L			07/09/13 18:54	12.5
1,1-Dichloroethene	13	U	13	2.4	ug/L			07/09/13 18:54	12.5
1,2-Dichloropropane	13	U	13	2.3	ug/L			07/09/13 18:54	12.5
cis-1,3-Dichloropropene	13	U	13	1.8	ug/L			07/09/13 18:54	12.5
trans-1,3-Dichloropropene	13	U	13	2.4	ug/L			07/09/13 18:54	12.5
Ethylbenzene	13	U	13	2.1	ug/L			07/09/13 18:54	12.5
2-Hexanone	130	U	130	5.1	ug/L			07/09/13 18:54	12.5
Methylene Chloride	13	U	13	4.1	ug/L			07/09/13 18:54	12.5
4-Methyl-2-pentanone (MIBK)	130	U	130	4.0	ug/L			07/09/13 18:54	12.5
Styrene	13	U	13	1.4	ug/L			07/09/13 18:54	12.5
1,1,2,2-Tetrachloroethane	13	U	13	2.3	ug/L			07/09/13 18:54	12.5
Tetrachloroethene	13	U	13	3.6	ug/L			07/09/13 18:54	12.5
Toluene	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
Trichloroethene	**460**		13	2.1	ug/L			07/09/13 18:54	12.5
Vinyl chloride	**95**		13	2.8	ug/L			07/09/13 18:54	12.5
Xylenes, Total	25	U	25	3.5	ug/L			07/09/13 18:54	12.5
1,1,1-Trichloroethane	13	U	13	2.8	ug/L			07/09/13 18:54	12.5
1,1,2-Trichloroethane	13	U	13	3.4	ug/L			07/09/13 18:54	12.5
Cyclohexane	13	U	13	1.5	ug/L			07/09/13 18:54	12.5
1,2-Dibromo-3-Chloropropane	25	U	25	8.4	ug/L			07/09/13 18:54	12.5
Ethylene Dibromide	13	U	13	3.0	ug/L			07/09/13 18:54	12.5
Dichlorodifluoromethane	13	U	13	3.9	ug/L			07/09/13 18:54	12.5
cis-1,2-Dichloroethene	**380**		13	2.1	ug/L			07/09/13 18:54	12.5
trans-1,2-Dichloroethene	**190**		13	2.4	ug/L			07/09/13 18:54	12.5
Isopropylbenzene	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
Methyl acetate	130	U	130	4.8	ug/L			07/09/13 18:54	12.5
Methyl tert-butyl ether	13	U	13	2.1	ug/L			07/09/13 18:54	12.5
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	3.5	ug/L			07/09/13 18:54	12.5
1,2,4-Trichlorobenzene	13	U	13	1.9	ug/L			07/09/13 18:54	12.5
1,2-Dichlorobenzene	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
1,3-Dichlorobenzene	13	U	13	1.8	ug/L			07/09/13 18:54	12.5
1,4-Dichlorobenzene	13	U	13	1.6	ug/L			07/09/13 18:54	12.5
Trichlorofluoromethane	13	U	13	2.6	ug/L			07/09/13 18:54	12.5
Chlorodibromomethane	13	U	13	2.3	ug/L			07/09/13 18:54	12.5
Methylcyclohexane	13	U	13	1.6	ug/L			07/09/13 18:54	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-25
Date Collected: 06/27/13 07:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		07/09/13 18:54	12.5
4-Bromofluorobenzene (Surr)	78		66 - 117		07/09/13 18:54	12.5
Toluene-d8 (Surr)	88		74 - 115		07/09/13 18:54	12.5
Dibromofluoromethane (Surr)	102		75 - 121		07/09/13 18:54	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-26
Date Collected: 06/27/13 08:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 02:44	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 02:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 02:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 02:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 02:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 02:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 02:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 02:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 02:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 02:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 02:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 02:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 02:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 02:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 02:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 02:44	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 02:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 02:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 02:44	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 02:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 02:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 02:44	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
Trichloroethene	**7.9**		1.0	0.17	ug/L			07/09/13 02:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 02:44	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 02:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 02:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 02:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 02:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 02:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 02:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 02:44	1
cis-1,2-Dichloroethene	**4.6**		1.0	0.17	ug/L			07/09/13 02:44	1
trans-1,2-Dichloroethene	**1.5**		1.0	0.19	ug/L			07/09/13 02:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 02:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 02:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 02:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 02:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 02:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 02:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 02:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 02:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-26
Date Collected: 06/27/13 08:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-26
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		07/09/13 02:44	1
4-Bromofluorobenzene (Surr)	81		66 - 117		07/09/13 02:44	1
Toluene-d8 (Surr)	89		74 - 115		07/09/13 02:44	1
Dibromofluoromethane (Surr)	96		75 - 121		07/09/13 02:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-27
Date Collected: 06/27/13 10:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 03:07	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 03:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 03:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 03:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 03:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 03:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 03:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 03:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 03:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 03:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 03:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 03:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 03:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 03:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 03:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 03:07	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 03:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 03:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 03:07	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 03:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 03:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 03:07	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
Trichloroethene	**0.85**	**J**	1.0	0.17	ug/L			07/09/13 03:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 03:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 03:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 03:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 03:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 03:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 03:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 03:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 03:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 03:07	1
trans-1,2-Dichloroethene	**0.20**	**J**	1.0	0.19	ug/L			07/09/13 03:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 03:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 03:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 03:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 03:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 03:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 03:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 03:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 03:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-27
Date Collected: 06/27/13 10:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-27
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		07/09/13 03:07	1
4-Bromofluorobenzene (Surr)	77		66 - 117		07/09/13 03:07	1
Toluene-d8 (Surr)	89		74 - 115		07/09/13 03:07	1
Dibromofluoromethane (Surr)	95		75 - 121		07/09/13 03:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-28
Date Collected: 06/27/13 13:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 03:31	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 03:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 03:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 03:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 03:31	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 03:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 03:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 03:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 03:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 03:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 03:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 03:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 03:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 03:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 03:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 03:31	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 03:31	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 03:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 03:31	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 03:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 03:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 03:31	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
Trichloroethene	**0.61**	**J**	1.0	0.17	ug/L			07/09/13 03:31	1
Vinyl chloride	**2.3**		1.0	0.22	ug/L			07/09/13 03:31	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 03:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 03:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 03:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 03:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 03:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 03:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 03:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 03:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 03:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 03:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 03:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 03:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 03:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 03:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 03:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 03:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 03:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-28
Date Collected: 06/27/13 13:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-28
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		07/09/13 03:31	1
4-Bromofluorobenzene (Surr)	76		66 - 117		07/09/13 03:31	1
Toluene-d8 (Surr)	86		74 - 115		07/09/13 03:31	1
Dibromofluoromethane (Surr)	97		75 - 121		07/09/13 03:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-29
Date Collected: 06/27/13 15:10
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 03:54	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 03:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 03:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 03:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 03:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 03:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 03:54	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 03:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 03:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 03:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 03:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 03:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 03:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 03:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 03:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 03:54	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 03:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 03:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 03:54	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 03:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 03:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 03:54	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 03:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 03:54	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 03:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 03:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 03:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 03:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 03:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 03:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 03:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 03:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 03:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 03:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 03:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 03:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 03:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 03:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 03:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 03:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 03:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-29
Date Collected: 06/27/13 15:10
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-29
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/09/13 03:54	1
4-Bromofluorobenzene (Surr)	78		66 - 117		07/09/13 03:54	1
Toluene-d8 (Surr)	92		74 - 115		07/09/13 03:54	1
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 03:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-30
Date Collected: 06/27/13 16:30
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.9**	**J**	17	1.8	ug/L			07/09/13 19:17	1.67
Benzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			07/09/13 19:17	1.67
Bromoform	1.7	U	1.7	1.1	ug/L			07/09/13 19:17	1.67
Bromomethane	1.7	U	1.7	0.68	ug/L			07/09/13 19:17	1.67
2-Butanone (MEK)	17	U	17	0.95	ug/L			07/09/13 19:17	1.67
Carbon disulfide	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
Chlorobenzene	1.7	U	1.7	0.25	ug/L			07/09/13 19:17	1.67
Chloroethane	1.7	U	1.7	0.48	ug/L			07/09/13 19:17	1.67
Chloroform	1.7	U	1.7	0.27	ug/L			07/09/13 19:17	1.67
Chloromethane	1.7	U	1.7	0.50	ug/L			07/09/13 19:17	1.67
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			07/09/13 19:17	1.67
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			07/09/13 19:17	1.67
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			07/09/13 19:17	1.67
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			07/09/13 19:17	1.67
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			07/09/13 19:17	1.67
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			07/09/13 19:17	1.67
Ethylbenzene	1.7	U	1.7	0.28	ug/L			07/09/13 19:17	1.67
2-Hexanone	17	U	17	0.68	ug/L			07/09/13 19:17	1.67
Methylene Chloride	1.7	U	1.7	0.55	ug/L			07/09/13 19:17	1.67
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			07/09/13 19:17	1.67
Styrene	1.7	U	1.7	0.18	ug/L			07/09/13 19:17	1.67
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			07/09/13 19:17	1.67
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			07/09/13 19:17	1.67
Toluene	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
Trichloroethene	1.7	U	1.7	0.28	ug/L			07/09/13 19:17	1.67
Vinyl chloride	**9.0**		1.7	0.37	ug/L			07/09/13 19:17	1.67
Xylenes, Total	3.3	U	3.3	0.47	ug/L			07/09/13 19:17	1.67
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			07/09/13 19:17	1.67
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			07/09/13 19:17	1.67
Cyclohexane	1.7	U	1.7	0.20	ug/L			07/09/13 19:17	1.67
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			07/09/13 19:17	1.67
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			07/09/13 19:17	1.67
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			07/09/13 19:17	1.67
cis-1,2-Dichloroethene	**54**		1.7	0.28	ug/L			07/09/13 19:17	1.67
trans-1,2-Dichloroethene	**3.8**		1.7	0.32	ug/L			07/09/13 19:17	1.67
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
Methyl acetate	17	U	17	0.63	ug/L			07/09/13 19:17	1.67
Methyl tert-butyl ether	1.7	U	1.7	0.28	ug/L			07/09/13 19:17	1.67
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			07/09/13 19:17	1.67
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			07/09/13 19:17	1.67
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			07/09/13 19:17	1.67
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			07/09/13 19:17	1.67
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			07/09/13 19:17	1.67
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			07/09/13 19:17	1.67

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-30
Date Collected: 06/27/13 16:30
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-30
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		07/09/13 19:17	1.67
4-Bromofluorobenzene (Surr)	77		66 - 117		07/09/13 19:17	1.67
Toluene-d8 (Surr)	87		74 - 115		07/09/13 19:17	1.67
Dibromofluoromethane (Surr)	98		75 - 121		07/09/13 19:17	1.67

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-31
Date Collected: 06/27/13 17:40
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.2**	**J**	17	1.8	ug/L			07/09/13 19:41	1.67
Benzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			07/09/13 19:41	1.67
Bromoform	1.7	U	1.7	1.1	ug/L			07/09/13 19:41	1.67
Bromomethane	1.7	U	1.7	0.68	ug/L			07/09/13 19:41	1.67
2-Butanone (MEK)	17	U	17	0.95	ug/L			07/09/13 19:41	1.67
Carbon disulfide	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
Chlorobenzene	1.7	U	1.7	0.25	ug/L			07/09/13 19:41	1.67
Chloroethane	1.7	U	1.7	0.48	ug/L			07/09/13 19:41	1.67
Chloroform	1.7	U	1.7	0.27	ug/L			07/09/13 19:41	1.67
Chloromethane	1.7	U	1.7	0.50	ug/L			07/09/13 19:41	1.67
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			07/09/13 19:41	1.67
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			07/09/13 19:41	1.67
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			07/09/13 19:41	1.67
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			07/09/13 19:41	1.67
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			07/09/13 19:41	1.67
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			07/09/13 19:41	1.67
Ethylbenzene	1.7	U	1.7	0.28	ug/L			07/09/13 19:41	1.67
2-Hexanone	17	U	17	0.68	ug/L			07/09/13 19:41	1.67
Methylene Chloride	1.7	U	1.7	0.55	ug/L			07/09/13 19:41	1.67
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			07/09/13 19:41	1.67
Styrene	1.7	U	1.7	0.18	ug/L			07/09/13 19:41	1.67
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			07/09/13 19:41	1.67
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			07/09/13 19:41	1.67
Toluene	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
Trichloroethene	1.7	U	1.7	0.28	ug/L			07/09/13 19:41	1.67
Vinyl chloride	**8.7**		1.7	0.37	ug/L			07/09/13 19:41	1.67
Xylenes, Total	3.3	U	3.3	0.47	ug/L			07/09/13 19:41	1.67
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			07/09/13 19:41	1.67
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			07/09/13 19:41	1.67
Cyclohexane	1.7	U	1.7	0.20	ug/L			07/09/13 19:41	1.67
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			07/09/13 19:41	1.67
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			07/09/13 19:41	1.67
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			07/09/13 19:41	1.67
cis-1,2-Dichloroethene	**53**		1.7	0.28	ug/L			07/09/13 19:41	1.67
trans-1,2-Dichloroethene	**3.5**		1.7	0.32	ug/L			07/09/13 19:41	1.67
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
Methyl acetate	17	U	17	0.63	ug/L			07/09/13 19:41	1.67
Methyl tert-butyl ether	1.7	U	1.7	0.28	ug/L			07/09/13 19:41	1.67
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			07/09/13 19:41	1.67
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			07/09/13 19:41	1.67
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			07/09/13 19:41	1.67
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			07/09/13 19:41	1.67
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			07/09/13 19:41	1.67
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			07/09/13 19:41	1.67

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-31
Date Collected: 06/27/13 17:40
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-31
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/09/13 19:41	1.67
4-Bromofluorobenzene (Surr)	78		66 - 117		07/09/13 19:41	1.67
Toluene-d8 (Surr)	86		74 - 115		07/09/13 19:41	1.67
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 19:41	1.67

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-32
Date Collected: 06/27/13 17:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 04:18	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 04:18	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 04:18	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 04:18	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 04:18	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 04:18	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 04:18	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 04:18	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 04:18	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 04:18	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 04:18	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 04:18	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 04:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 04:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 04:18	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 04:18	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 04:18	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 04:18	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 04:18	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 04:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 04:18	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 04:18	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 04:18	1
Vinyl chloride	**11**		1.0	0.22	ug/L			07/09/13 04:18	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 04:18	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 04:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 04:18	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 04:18	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 04:18	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 04:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 04:18	1
cis-1,2-Dichloroethene	**1.7**		1.0	0.17	ug/L			07/09/13 04:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 04:18	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 04:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 04:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 04:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 04:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 04:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 04:18	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 04:18	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 04:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062713-DN-32
Date Collected: 06/27/13 17:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-32
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/09/13 04:18	1
4-Bromofluorobenzene (Surr)	76		66 - 117		07/09/13 04:18	1
Toluene-d8 (Surr)	86		74 - 115		07/09/13 04:18	1
Dibromofluoromethane (Surr)	94		75 - 121		07/09/13 04:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-33
Date Collected: 06/28/13 07:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 04:42	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 04:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 04:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 04:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 04:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 04:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 04:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 04:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 04:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 04:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 04:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 04:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 04:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 04:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 04:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 04:42	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 04:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 04:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 04:42	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 04:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 04:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 04:42	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 04:42	1
Vinyl chloride	**3.3**		1.0	0.22	ug/L			07/09/13 04:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 04:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 04:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 04:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 04:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 04:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 04:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 04:42	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.17	ug/L			07/09/13 04:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 04:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 04:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 04:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 04:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 04:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 04:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 04:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 04:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 04:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-33
Date Collected: 06/28/13 07:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-33
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		63 - 129		07/09/13 04:42	1
4-Bromofluorobenzene (Surr)	80		66 - 117		07/09/13 04:42	1
Toluene-d8 (Surr)	84		74 - 115		07/09/13 04:42	1
Dibromofluoromethane (Surr)	95		75 - 121		07/09/13 04:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-34
Date Collected: 06/28/13 08:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 05:05	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 05:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 05:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 05:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 05:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 05:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 05:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 05:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 05:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 05:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 05:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 05:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 05:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 05:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 05:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 05:05	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 05:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 05:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 05:05	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 05:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 05:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 05:05	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 05:05	1
Vinyl chloride	**6.3**		1.0	0.22	ug/L			07/09/13 05:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 05:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 05:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 05:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 05:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 05:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 05:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 05:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 05:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 05:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 05:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 05:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 05:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 05:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 05:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 05:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 05:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 05:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-34
Date Collected: 06/28/13 08:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-34
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		07/09/13 05:05	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/09/13 05:05	1
Toluene-d8 (Surr)	88		74 - 115		07/09/13 05:05	1
Dibromofluoromethane (Surr)	100		75 - 121		07/09/13 05:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-35
Date Collected: 06/28/13 10:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 05:29	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 05:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 05:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 05:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 05:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 05:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 05:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 05:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 05:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 05:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 05:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 05:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 05:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 05:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 05:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 05:29	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 05:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 05:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 05:29	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 05:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 05:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 05:29	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 05:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 05:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 05:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 05:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 05:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 05:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 05:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 05:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 05:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 05:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 05:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 05:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 05:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 05:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 05:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 05:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 05:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 05:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 05:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-35
Date Collected: 06/28/13 10:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-35
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/09/13 05:29	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/09/13 05:29	1
Toluene-d8 (Surr)	92		74 - 115		07/09/13 05:29	1
Dibromofluoromethane (Surr)	100		75 - 121		07/09/13 05:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-36
Date Collected: 06/28/13 11:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 05:52	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 05:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 05:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 05:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 05:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 05:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 05:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 05:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 05:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 05:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 05:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 05:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 05:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 05:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 05:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 05:52	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 05:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 05:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 05:52	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 05:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 05:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 05:52	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 05:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 05:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 05:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 05:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 05:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 05:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 05:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 05:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 05:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 05:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 05:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 05:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 05:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 05:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 05:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 05:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 05:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 05:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 05:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-36
Date Collected: 06/28/13 11:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-36
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		07/09/13 05:52	1
4-Bromofluorobenzene (Surr)	76		66 - 117		07/09/13 05:52	1
Toluene-d8 (Surr)	88		74 - 115		07/09/13 05:52	1
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 05:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-37
Date Collected: 06/28/13 13:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 06:14	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 06:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 06:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 06:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 06:14	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 06:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 06:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 06:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 06:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 06:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 06:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 06:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 06:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 06:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 06:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 06:14	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 06:14	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 06:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 06:14	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 06:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 06:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 06:14	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 06:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 06:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 06:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 06:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 06:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 06:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 06:14	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 06:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 06:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 06:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 06:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 06:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 06:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 06:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 06:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 06:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 06:14	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 06:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 06:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-37
Date Collected: 06/28/13 13:15
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-37
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/09/13 06:14	1
4-Bromofluorobenzene (Surr)	78		66 - 117		07/09/13 06:14	1
Toluene-d8 (Surr)	87		74 - 115		07/09/13 06:14	1
Dibromofluoromethane (Surr)	100		75 - 121		07/09/13 06:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-38
Date Collected: 06/28/13 14:35
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 06:38	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 06:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 06:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 06:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 06:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 06:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 06:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 06:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 06:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 06:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 06:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 06:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 06:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 06:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 06:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 06:38	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 06:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 06:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 06:38	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 06:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 06:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 06:38	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 06:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 06:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 06:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 06:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 06:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 06:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 06:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 06:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 06:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 06:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 06:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 06:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 06:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 06:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 06:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 06:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 06:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 06:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 06:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-38
Date Collected: 06/28/13 14:35
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-38
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/09/13 06:38	1
4-Bromofluorobenzene (Surr)	79		66 - 117		07/09/13 06:38	1
Toluene-d8 (Surr)	88		74 - 115		07/09/13 06:38	1
Dibromofluoromethane (Surr)	96		75 - 121		07/09/13 06:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-39
Date Collected: 06/28/13 15:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 20:05	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 20:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 20:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 20:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 20:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 20:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 20:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 20:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 20:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 20:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 20:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 20:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 20:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 20:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 20:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 20:05	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 20:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 20:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 20:05	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 20:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 20:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 20:05	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 20:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 20:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 20:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 20:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 20:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 20:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 20:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 20:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 20:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 20:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 20:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 20:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 20:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 20:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 20:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 20:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 20:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 20:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 20:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-39
Date Collected: 06/28/13 15:55
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-39
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		07/09/13 20:05	1
4-Bromofluorobenzene (Surr)	77		66 - 117		07/09/13 20:05	1
Toluene-d8 (Surr)	88		74 - 115		07/09/13 20:05	1
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 20:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-40
Date Collected: 06/28/13 17:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 07:02	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 07:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 07:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 07:02	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 07:02	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 07:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 07:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 07:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 07:02	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 07:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 07:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 07:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 07:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 07:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 07:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 07:02	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 07:02	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 07:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 07:02	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 07:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 07:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 07:02	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 07:02	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 07:02	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 07:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 07:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 07:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 07:02	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 07:02	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 07:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 07:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 07:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 07:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 07:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 07:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 07:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 07:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 07:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 07:02	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 07:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 07:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062813-DN-40
Date Collected: 06/28/13 17:05
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-40
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		07/09/13 07:02	1
4-Bromofluorobenzene (Surr)	79		66 - 117		07/09/13 07:02	1
Toluene-d8 (Surr)	91		74 - 115		07/09/13 07:02	1
Dibromofluoromethane (Surr)	105		75 - 121		07/09/13 07:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-41
Date Collected: 06/29/13 09:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-41
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 07:25	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 07:25	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 07:25	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 07:25	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 07:25	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 07:25	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 07:25	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 07:25	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 07:25	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 07:25	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 07:25	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 07:25	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 07:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 07:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 07:25	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 07:25	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 07:25	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 07:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 07:25	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 07:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 07:25	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 07:25	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 07:25	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 07:25	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 07:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 07:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 07:25	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 07:25	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 07:25	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 07:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 07:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 07:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 07:25	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 07:25	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 07:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 07:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 07:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 07:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 07:25	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 07:25	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 07:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-41
Date Collected: 06/29/13 09:50
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-41
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		07/09/13 07:25	1
4-Bromofluorobenzene (Surr)	81		66 - 117		07/09/13 07:25	1
Toluene-d8 (Surr)	90		74 - 115		07/09/13 07:25	1
Dibromofluoromethane (Surr)	107		75 - 121		07/09/13 07:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-42
Date Collected: 06/29/13 11:00
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-42
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	200	U	200	22	ug/L			07/11/13 17:17	20
Benzene	20	U	20	2.6	ug/L			07/11/13 17:17	20
Dichlorobromomethane	20	U	20	3.0	ug/L			07/11/13 17:17	20
Bromoform	20	U	20	13	ug/L			07/11/13 17:17	20
Bromomethane	20	U	20	8.2	ug/L			07/11/13 17:17	20
2-Butanone (MEK)	200	U	200	11	ug/L			07/11/13 17:17	20
Carbon disulfide	20	U	20	2.6	ug/L			07/11/13 17:17	20
Carbon tetrachloride	20	U	20	2.6	ug/L			07/11/13 17:17	20
Chlorobenzene	20	U	20	3.0	ug/L			07/11/13 17:17	20
Chloroethane	20	U	20	5.8	ug/L			07/11/13 17:17	20
Chloroform	20	U	20	3.2	ug/L			07/11/13 17:17	20
Chloromethane	20	U	20	6.0	ug/L			07/11/13 17:17	20
1,1-Dichloroethane	20	U	20	3.0	ug/L			07/11/13 17:17	20
1,2-Dichloroethane	20	U	20	4.4	ug/L			07/11/13 17:17	20
1,1-Dichloroethene	20	U	20	3.8	ug/L			07/11/13 17:17	20
1,2-Dichloropropane	20	U	20	3.6	ug/L			07/11/13 17:17	20
cis-1,3-Dichloropropene	20	U	20	2.8	ug/L			07/11/13 17:17	20
trans-1,3-Dichloropropene	20	U	20	3.8	ug/L			07/11/13 17:17	20
Ethylbenzene	20	U	20	3.4	ug/L			07/11/13 17:17	20
2-Hexanone	200	U	200	8.2	ug/L			07/11/13 17:17	20
Methylene Chloride	**28**	**B**	20	6.6	ug/L			07/11/13 17:17	20
4-Methyl-2-pentanone (MIBK)	200	U	200	6.4	ug/L			07/11/13 17:17	20
Styrene	20	U	20	2.2	ug/L			07/11/13 17:17	20
1,1,2,2-Tetrachloroethane	20	U	20	3.6	ug/L			07/11/13 17:17	20
Tetrachloroethene	20	U	20	5.8	ug/L			07/11/13 17:17	20
Toluene	20	U	20	2.6	ug/L			07/11/13 17:17	20
Trichloroethene	**340**		20	3.4	ug/L			07/11/13 17:17	20
Vinyl chloride	**27**		20	4.4	ug/L			07/11/13 17:17	20
Xylenes, Total	40	U	40	5.6	ug/L			07/11/13 17:17	20
1,1,1-Trichloroethane	20	U	20	4.4	ug/L			07/11/13 17:17	20
1,1,2-Trichloroethane	20	U	20	5.4	ug/L			07/11/13 17:17	20
Cyclohexane	20	U	20	2.4	ug/L			07/11/13 17:17	20
1,2-Dibromo-3-Chloropropane	40	U	40	13	ug/L			07/11/13 17:17	20
Ethylene Dibromide	20	U	20	4.8	ug/L			07/11/13 17:17	20
Dichlorodifluoromethane	20	U	20	6.2	ug/L			07/11/13 17:17	20
cis-1,2-Dichloroethene	**620**		20	3.4	ug/L			07/11/13 17:17	20
trans-1,2-Dichloroethene	**37**		20	3.8	ug/L			07/11/13 17:17	20
Isopropylbenzene	20	U	20	2.6	ug/L			07/11/13 17:17	20
Methyl acetate	200	U	200	7.6	ug/L			07/11/13 17:17	20
Methyl tert-butyl ether	20	U	20	3.4	ug/L			07/11/13 17:17	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	5.6	ug/L			07/11/13 17:17	20
1,2,4-Trichlorobenzene	20	U	20	3.0	ug/L			07/11/13 17:17	20
1,2-Dichlorobenzene	20	U	20	2.6	ug/L			07/11/13 17:17	20
1,3-Dichlorobenzene	20	U	20	2.8	ug/L			07/11/13 17:17	20
1,4-Dichlorobenzene	20	U	20	2.6	ug/L			07/11/13 17:17	20
Trichlorofluoromethane	20	U	20	4.2	ug/L			07/11/13 17:17	20
Chlorodibromomethane	20	U	20	3.6	ug/L			07/11/13 17:17	20
Methylcyclohexane	20	U	20	2.6	ug/L			07/11/13 17:17	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-42
Date Collected: 06/29/13 11:00
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-42
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		07/11/13 17:17	20
4-Bromofluorobenzene (Surr)	82		66 - 117		07/11/13 17:17	20
Toluene-d8 (Surr)	94		74 - 115		07/11/13 17:17	20
Dibromofluoromethane (Surr)	104		75 - 121		07/11/13 17:17	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-43
Date Collected: 06/29/13 12:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-43
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	33	U	33	3.7	ug/L			07/11/13 17:41	3.33
Benzene	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
Dichlorobromomethane	3.3	U	3.3	0.50	ug/L			07/11/13 17:41	3.33
Bromoform	3.3	U	3.3	2.1	ug/L			07/11/13 17:41	3.33
Bromomethane	3.3	U	3.3	1.4	ug/L			07/11/13 17:41	3.33
2-Butanone (MEK)	33	U	33	1.9	ug/L			07/11/13 17:41	3.33
Carbon disulfide	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
Carbon tetrachloride	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
Chlorobenzene	3.3	U	3.3	0.50	ug/L			07/11/13 17:41	3.33
Chloroethane	3.3	U	3.3	0.97	ug/L			07/11/13 17:41	3.33
Chloroform	3.3	U	3.3	0.53	ug/L			07/11/13 17:41	3.33
Chloromethane	3.3	U	3.3	1.0	ug/L			07/11/13 17:41	3.33
1,1-Dichloroethane	**2.5**	**J**	3.3	0.50	ug/L			07/11/13 17:41	3.33
1,2-Dichloroethane	3.3	U	3.3	0.73	ug/L			07/11/13 17:41	3.33
1,1-Dichloroethene	3.3	U	3.3	0.63	ug/L			07/11/13 17:41	3.33
1,2-Dichloropropane	3.3	U	3.3	0.60	ug/L			07/11/13 17:41	3.33
cis-1,3-Dichloropropene	3.3	U	3.3	0.47	ug/L			07/11/13 17:41	3.33
trans-1,3-Dichloropropene	3.3	U	3.3	0.63	ug/L			07/11/13 17:41	3.33
Ethylbenzene	3.3	U	3.3	0.57	ug/L			07/11/13 17:41	3.33
2-Hexanone	33	U	33	1.4	ug/L			07/11/13 17:41	3.33
Methylene Chloride	**3.3**	**B**	3.3	1.1	ug/L			07/11/13 17:41	3.33
4-Methyl-2-pentanone (MIBK)	33	U	33	1.1	ug/L			07/11/13 17:41	3.33
Styrene	3.3	U	3.3	0.37	ug/L			07/11/13 17:41	3.33
1,1,2,2-Tetrachloroethane	3.3	U	3.3	0.60	ug/L			07/11/13 17:41	3.33
Tetrachloroethene	3.3	U	3.3	0.97	ug/L			07/11/13 17:41	3.33
Toluene	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
Trichloroethene	**11**		3.3	0.57	ug/L			07/11/13 17:41	3.33
Vinyl chloride	**12**		3.3	0.73	ug/L			07/11/13 17:41	3.33
Xylenes, Total	6.7	U	6.7	0.93	ug/L			07/11/13 17:41	3.33
1,1,1-Trichloroethane	3.3	U	3.3	0.73	ug/L			07/11/13 17:41	3.33
1,1,2-Trichloroethane	3.3	U	3.3	0.90	ug/L			07/11/13 17:41	3.33
Cyclohexane	3.3	U	3.3	0.40	ug/L			07/11/13 17:41	3.33
1,2-Dibromo-3-Chloropropane	6.7	U	6.7	2.2	ug/L			07/11/13 17:41	3.33
Ethylene Dibromide	3.3	U	3.3	0.80	ug/L			07/11/13 17:41	3.33
Dichlorodifluoromethane	3.3	U	3.3	1.0	ug/L			07/11/13 17:41	3.33
cis-1,2-Dichloroethene	**110**		3.3	0.57	ug/L			07/11/13 17:41	3.33
trans-1,2-Dichloroethene	**48**		3.3	0.63	ug/L			07/11/13 17:41	3.33
Isopropylbenzene	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
Methyl acetate	33	U	33	1.3	ug/L			07/11/13 17:41	3.33
Methyl tert-butyl ether	3.3	U	3.3	0.57	ug/L			07/11/13 17:41	3.33
1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	U	3.3	0.93	ug/L			07/11/13 17:41	3.33
1,2,4-Trichlorobenzene	3.3	U	3.3	0.50	ug/L			07/11/13 17:41	3.33
1,2-Dichlorobenzene	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
1,3-Dichlorobenzene	3.3	U	3.3	0.47	ug/L			07/11/13 17:41	3.33
1,4-Dichlorobenzene	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33
Trichlorofluoromethane	3.3	U	3.3	0.70	ug/L			07/11/13 17:41	3.33
Chlorodibromomethane	3.3	U	3.3	0.60	ug/L			07/11/13 17:41	3.33
Methylcyclohexane	3.3	U	3.3	0.43	ug/L			07/11/13 17:41	3.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-43
Date Collected: 06/29/13 12:20
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-43
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		07/11/13 17:41	3.33
4-Bromofluorobenzene (Surr)	76		66 - 117		07/11/13 17:41	3.33
Toluene-d8 (Surr)	95		74 - 115		07/11/13 17:41	3.33
Dibromofluoromethane (Surr)	111		75 - 121		07/11/13 17:41	3.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-44
Date Collected: 06/29/13 13:40
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-44
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/11/13 18:03	1
Benzene	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/11/13 18:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/11/13 18:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/11/13 18:03	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/11/13 18:03	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/11/13 18:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/11/13 18:03	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/11/13 18:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/11/13 18:03	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/11/13 18:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/11/13 18:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/11/13 18:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/11/13 18:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/11/13 18:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/11/13 18:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/11/13 18:03	1
2-Hexanone	10	U	10	0.41	ug/L			07/11/13 18:03	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/11/13 18:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/11/13 18:03	1
Styrene	1.0	U	1.0	0.11	ug/L			07/11/13 18:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/11/13 18:03	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/11/13 18:03	1
Toluene	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
Trichloroethene	**1.5**		1.0	0.17	ug/L			07/11/13 18:03	1
Vinyl chloride	**10**		1.0	0.22	ug/L			07/11/13 18:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/11/13 18:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/11/13 18:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/11/13 18:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/11/13 18:03	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/11/13 18:03	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/11/13 18:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/11/13 18:03	1
cis-1,2-Dichloroethene	**6.6**		1.0	0.17	ug/L			07/11/13 18:03	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.19	ug/L			07/11/13 18:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
Methyl acetate	10	U	10	0.38	ug/L			07/11/13 18:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/11/13 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/11/13 18:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/11/13 18:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/11/13 18:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/11/13 18:03	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/11/13 18:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/11/13 18:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-44
Date Collected: 06/29/13 13:40
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-44
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		07/11/13 18:03	1
4-Bromofluorobenzene (Surr)	78		66 - 117		07/11/13 18:03	1
Toluene-d8 (Surr)	92		74 - 115		07/11/13 18:03	1
Dibromofluoromethane (Surr)	100		75 - 121		07/11/13 18:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-45
Date Collected: 06/29/13 14:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-45
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100	U	100	11	ug/L			07/11/13 18:27	10
Benzene	10	U	10	1.3	ug/L			07/11/13 18:27	10
Dichlorobromomethane	10	U	10	1.5	ug/L			07/11/13 18:27	10
Bromoform	10	U	10	6.4	ug/L			07/11/13 18:27	10
Bromomethane	10	U	10	4.1	ug/L			07/11/13 18:27	10
2-Butanone (MEK)	100	U	100	5.7	ug/L			07/11/13 18:27	10
Carbon disulfide	10	U	10	1.3	ug/L			07/11/13 18:27	10
Carbon tetrachloride	10	U	10	1.3	ug/L			07/11/13 18:27	10
Chlorobenzene	10	U	10	1.5	ug/L			07/11/13 18:27	10
Chloroethane	10	U	10	2.9	ug/L			07/11/13 18:27	10
Chloroform	10	U	10	1.6	ug/L			07/11/13 18:27	10
Chloromethane	10	U	10	3.0	ug/L			07/11/13 18:27	10
1,1-Dichloroethane	10	U	10	1.5	ug/L			07/11/13 18:27	10
1,2-Dichloroethane	10	U	10	2.2	ug/L			07/11/13 18:27	10
1,1-Dichloroethene	10	U	10	1.9	ug/L			07/11/13 18:27	10
1,2-Dichloropropane	10	U	10	1.8	ug/L			07/11/13 18:27	10
cis-1,3-Dichloropropene	10	U	10	1.4	ug/L			07/11/13 18:27	10
trans-1,3-Dichloropropene	10	U	10	1.9	ug/L			07/11/13 18:27	10
Ethylbenzene	10	U	10	1.7	ug/L			07/11/13 18:27	10
2-Hexanone	100	U	100	4.1	ug/L			07/11/13 18:27	10
Methylene Chloride	**16**	**B**	10	3.3	ug/L			07/11/13 18:27	10
4-Methyl-2-pentanone (MIBK)	100	U	100	3.2	ug/L			07/11/13 18:27	10
Styrene	10	U	10	1.1	ug/L			07/11/13 18:27	10
1,1,2,2-Tetrachloroethane	10	U	10	1.8	ug/L			07/11/13 18:27	10
Tetrachloroethene	10	U	10	2.9	ug/L			07/11/13 18:27	10
Toluene	10	U	10	1.3	ug/L			07/11/13 18:27	10
Trichloroethene	10	U	10	1.7	ug/L			07/11/13 18:27	10
Vinyl chloride	**230**		10	2.2	ug/L			07/11/13 18:27	10
Xylenes, Total	20	U	20	2.8	ug/L			07/11/13 18:27	10
1,1,1-Trichloroethane	10	U	10	2.2	ug/L			07/11/13 18:27	10
1,1,2-Trichloroethane	10	U	10	2.7	ug/L			07/11/13 18:27	10
Cyclohexane	10	U	10	1.2	ug/L			07/11/13 18:27	10
1,2-Dibromo-3-Chloropropane	20	U	20	6.7	ug/L			07/11/13 18:27	10
Ethylene Dibromide	10	U	10	2.4	ug/L			07/11/13 18:27	10
Dichlorodifluoromethane	10	U	10	3.1	ug/L			07/11/13 18:27	10
cis-1,2-Dichloroethene	**160**		10	1.7	ug/L			07/11/13 18:27	10
trans-1,2-Dichloroethene	**17**		10	1.9	ug/L			07/11/13 18:27	10
Isopropylbenzene	10	U	10	1.3	ug/L			07/11/13 18:27	10
Methyl acetate	100	U	100	3.8	ug/L			07/11/13 18:27	10
Methyl tert-butyl ether	10	U	10	1.7	ug/L			07/11/13 18:27	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	2.8	ug/L			07/11/13 18:27	10
1,2,4-Trichlorobenzene	10	U	10	1.5	ug/L			07/11/13 18:27	10
1,2-Dichlorobenzene	10	U	10	1.3	ug/L			07/11/13 18:27	10
1,3-Dichlorobenzene	10	U	10	1.4	ug/L			07/11/13 18:27	10
1,4-Dichlorobenzene	10	U	10	1.3	ug/L			07/11/13 18:27	10
Trichlorofluoromethane	10	U	10	2.1	ug/L			07/11/13 18:27	10
Chlorodibromomethane	10	U	10	1.8	ug/L			07/11/13 18:27	10
Methylcyclohexane	10	U	10	1.3	ug/L			07/11/13 18:27	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-45
Date Collected: 06/29/13 14:45
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-45
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	63		63 - 129		07/11/13 18:27	10
4-Bromofluorobenzene (Surr)	71		66 - 117		07/11/13 18:27	10
Toluene-d8 (Surr)	99		74 - 115		07/11/13 18:27	10
Dibromofluoromethane (Surr)	93		75 - 121		07/11/13 18:27	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: RB-12616-062913-DN-46
Date Collected: 06/29/13 15:10
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-46
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.9**	**J**	10	1.1	ug/L			07/09/13 20:28	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 20:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 20:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 20:28	1
2-Butanone (MEK)	**1.2**	**J**	10	0.57	ug/L			07/09/13 20:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 20:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 20:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 20:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 20:28	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 20:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 20:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 20:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 20:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 20:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 20:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 20:28	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 20:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 20:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 20:28	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 20:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 20:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 20:28	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 20:28	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 20:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 20:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 20:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 20:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 20:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 20:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 20:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 20:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 20:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 20:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 20:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 20:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 20:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 20:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 20:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 20:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 20:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 20:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: RB-12616-062913-DN-46
Date Collected: 06/29/13 15:10
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-46
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		07/09/13 20:28	1
4-Bromofluorobenzene (Surr)	78		66 - 117		07/09/13 20:28	1
Toluene-d8 (Surr)	85		74 - 115		07/09/13 20:28	1
Dibromofluoromethane (Surr)	99		75 - 121		07/09/13 20:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: TB-12616-001
Date Collected: 06/24/13 00:00
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-47
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 13:43	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 13:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 13:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 13:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 13:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 13:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 13:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 13:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 13:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 13:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 13:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 13:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 13:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 13:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 13:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 13:43	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 13:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 13:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 13:43	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 13:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 13:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 13:43	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 13:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 13:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 13:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 13:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 13:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 13:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 13:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 13:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 13:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 13:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 13:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 13:43	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 13:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 13:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 13:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 13:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 13:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 13:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: TB-12616-001
Date Collected: 06/24/13 00:00
Date Received: 07/02/13 09:20

Lab Sample ID: 240-26413-47
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		07/08/13 13:43	1
4-Bromofluorobenzene (Surr)	84		66 - 117		07/08/13 13:43	1
Toluene-d8 (Surr)	90		74 - 115		07/08/13 13:43	1
Dibromofluoromethane (Surr)	103		75 - 121		07/08/13 13:43	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-26413-1	WG-12616-062413-DN-01	91	86	94	103
240-26413-1 MS	WG-12616-062413-DN-01	80	93	92	99
240-26413-1 MSD	WG-12616-062413-DN-01	86	106	99	105
240-26413-2	WG-12616-062413-DN-02	90	80	93	103
240-26413-3	WG-12616-062413-DN-03	90	83	91	103
240-26413-4	WG-12616-062413-DN-04	86	84	89	101
240-26413-5	WG-12616-062413-DN-05	86	76	89	103
240-26413-6	WG-12616-062413-DN-06	84	80	88	98
240-26413-7	WG-12616-062413-DN-07	91	84	92	108
240-26413-8	WG-12616-062413-DN-08	91	82	92	106
240-26413-9	WG-12616-062413-DN-09	82	82	91	93
240-26413-10	WG-12616-062513-DN-10	87	84	87	105
240-26413-11	WG-12616-062513-DN-11	84	81	88	105
240-26413-12	WG-12616-062513-DN-12	80	88	89	96
240-26413-13	WG-12616-062513-DN-13	86	81	90	97
240-26413-14	WG-12616-062513-DN-14	87	82	89	104
240-26413-15	WG-12616-062513-DN-15	82	83	90	95
240-26413-16	WG-12616-062513-DN-16	82	80	87	95
240-26413-17	WG-12616-062513-DN-17	84	85	92	97
240-26413-18	WG-12616-062613-DN-18	83	79	85	95
240-26413-19	WG-12616-062613-DN-19	82	80	86	99
240-26413-20	WG-12616-062613-DN-20	82	82	94	97
240-26413-20 MS	WG-12616-062613-DN-20	92	96	93	102
240-26413-20 MSD	WG-12616-062613-DN-20	83	92	89	98
240-26413-21	WG-12616-062613-DN-21	83	84	90	104
240-26413-22	WG-12616-062613-DN-22	82	80	86	99
240-26413-23	WG-12616-062613-DN-23	78	80	92	95
240-26413-24	WG-12616-062613-DN-24	84	78	89	103
240-26413-25	WG-12616-062713-DN-25	89	78	88	102
240-26413-26	WG-12616-062713-DN-26	80	81	89	96
240-26413-27	WG-12616-062713-DN-27	83	77	89	95
240-26413-28	WG-12616-062713-DN-28	81	76	86	97
240-26413-29	WG-12616-062713-DN-29	84	78	92	99
240-26413-30	WG-12616-062713-DN-30	85	77	87	98
240-26413-31	WG-12616-062713-DN-31	84	78	86	99
240-26413-32	WG-12616-062713-DN-32	82	76	86	94
240-26413-33	WG-12616-062813-DN-33	78	80	84	95
240-26413-34	WG-12616-062813-DN-34	81	84	88	100
240-26413-35	WG-12616-062813-DN-35	82	84	92	100
240-26413-36	WG-12616-062813-DN-36	83	76	88	99
240-26413-37	WG-12616-062813-DN-37	84	78	87	100
240-26413-38	WG-12616-062813-DN-38	82	79	88	96
240-26413-39	WG-12616-062813-DN-39	88	77	88	99
240-26413-39 MS	WG-12616-062813-DN-39	85	95	94	97
240-26413-39 MSD	WG-12616-062813-DN-39	85	98	92	96
240-26413-40	WG-12616-062813-DN-40	90	79	91	105
240-26413-41	WG-12616-062913-DN-41	87	81	90	107
240-26413-42	WG-12616-062913-DN-42	91	82	94	104
240-26413-43	WG-12616-062913-DN-43	93	76	95	111

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-26413-44	WG-12616-062913-DN-44	82	78	92	100
240-26413-45	WG-12616-062913-DN-45	63	71	99	93
240-26413-46	RB-12616-062913-DN-46	84	78	85	99
240-26413-47	TB-12616-001	88	84	90	103
LCS 240-92696/4	Lab Control Sample	78	97	92	96
LCS 240-92808/4	Lab Control Sample	84	93	93	91
LCS 240-92874/4	Lab Control Sample	80	93	93	96
LCS 240-92969/4	Lab Control Sample	80	91	89	98
LCS 240-93295/4	Lab Control Sample	84	97	97	94
MB 240-92696/6	Method Blank	87	83	89	97
MB 240-92808/5	Method Blank	80	81	88	95
MB 240-92874/5	Method Blank	83	84	89	99
MB 240-92969/5	Method Blank	86	88	91	105
MB 240-93295/5	Method Blank	87	76	89	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-92696/6
Matrix: Water
Analysis Batch: 92696

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/05/13 16:00	1
Benzene	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/05/13 16:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/05/13 16:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/05/13 16:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/05/13 16:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 16:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/05/13 16:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/05/13 16:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/05/13 16:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/05/13 16:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 16:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 16:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/05/13 16:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/05/13 16:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/05/13 16:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/05/13 16:00	1
2-Hexanone	10	U	10	0.41	ug/L			07/05/13 16:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/05/13 16:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/05/13 16:00	1
Styrene	1.0	U	1.0	0.11	ug/L			07/05/13 16:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/05/13 16:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/05/13 16:00	1
Toluene	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 16:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/05/13 16:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/05/13 16:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/05/13 16:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/05/13 16:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/05/13 16:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/05/13 16:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/05/13 16:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/05/13 16:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/05/13 16:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/05/13 16:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
Methyl acetate	10	U	10	0.38	ug/L			07/05/13 16:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/05/13 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/05/13 16:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/05/13 16:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/05/13 16:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/05/13 16:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/05/13 16:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/05/13 16:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-92696/6
Matrix: Water
Analysis Batch: 92696

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*07/05/13 16:00*	*1*
4-Bromofluorobenzene (Surr)	*83*		*66 - 117*		*07/05/13 16:00*	*1*
Toluene-d8 (Surr)	*89*		*74 - 115*		*07/05/13 16:00*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*07/05/13 16:00*	*1*

Lab Sample ID: LCS 240-92696/4
Matrix: Water
Analysis Batch: 92696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	10.3		ug/L		51	43 - 136
Benzene	10.0	9.73		ug/L		97	83 - 112
Dichlorobromomethane	10.0	8.36		ug/L		84	72 - 121
Bromoform	10.0	8.10		ug/L		81	40 - 131
Bromomethane	10.0	5.52		ug/L		55	11 - 185
2-Butanone (MEK)	20.0	12.6		ug/L		63	60 - 126
Carbon disulfide	10.0	10.1		ug/L		101	62 - 142
Carbon tetrachloride	10.0	8.52		ug/L		85	66 - 128
Chlorobenzene	10.0	9.14		ug/L		91	85 - 110
Chloroethane	10.0	4.61		ug/L		46	25 - 153
Chloroform	10.0	9.02		ug/L		90	79 - 117
Chloromethane	10.0	7.27		ug/L		73	44 - 126
1,1-Dichloroethane	10.0	9.23		ug/L		92	82 - 115
1,2-Dichloroethane	10.0	7.79		ug/L		78	71 - 127
1,1-Dichloroethene	10.0	9.65		ug/L		97	78 - 131
1,2-Dichloropropane	10.0	9.49		ug/L		95	81 - 115
cis-1,3-Dichloropropene	10.0	7.76		ug/L		78	61 - 115
trans-1,3-Dichloropropene	10.0	7.05		ug/L		71	58 - 117
Ethylbenzene	10.0	9.06		ug/L		91	83 - 112
2-Hexanone	20.0	13.1		ug/L		66	55 - 133
Methylene Chloride	10.0	9.22		ug/L		92	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	13.7		ug/L		69	63 - 128
Styrene	10.0	8.46		ug/L		85	79 - 114
1,1,2,2-Tetrachloroethane	10.0	7.92		ug/L		79	68 - 118
Tetrachloroethene	10.0	9.77		ug/L		98	79 - 114
Toluene	10.0	8.85		ug/L		89	84 - 111
Trichloroethene	10.0	10.3		ug/L		103	76 - 117
Vinyl chloride	10.0	7.10		ug/L		71	53 - 127
Xylenes, Total	30.0	27.7		ug/L		92	83 - 112
1,1,1-Trichloroethane	10.0	9.36		ug/L		94	74 - 118
1,1,2-Trichloroethane	10.0	8.79		ug/L		88	80 - 112
Cyclohexane	10.0	9.06		ug/L		91	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.83		ug/L		78	42 - 136
Ethylene Dibromide	10.0	8.64		ug/L		86	79 - 113
Dichlorodifluoromethane	10.0	6.14		ug/L		61	19 - 129
cis-1,2-Dichloroethene	10.0	9.80		ug/L		98	80 - 113
trans-1,2-Dichloroethene	10.0	9.64		ug/L		96	83 - 117
Isopropylbenzene	10.0	7.84		ug/L		78	75 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-92696/4
Matrix: Water
Analysis Batch: 92696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	6.78	J	ug/L		68	58 - 131
Methyl tert-butyl ether	10.0	8.16		ug/L		82	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.2		ug/L		112	74 - 151
1,2,4-Trichlorobenzene	10.0	8.73		ug/L		87	48 - 135
1,2-Dichlorobenzene	10.0	9.32		ug/L		93	81 - 110
1,3-Dichlorobenzene	10.0	9.25		ug/L		93	80 - 110
1,4-Dichlorobenzene	10.0	9.04		ug/L		90	82 - 110
Trichlorofluoromethane	10.0	6.97		ug/L		70	49 - 157
Chlorodibromomethane	10.0	7.83		ug/L		78	64 - 119
Methylcyclohexane	10.0	8.93		ug/L		89	56 - 127
m-Xylene & p-Xylene	20.0	18.6		ug/L		93	83 - 113
o-Xylene	10.0	9.07		ug/L		91	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*78*		*63 - 129*
4-Bromofluorobenzene (Surr)	*97*		*66 - 117*
Toluene-d8 (Surr)	*92*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: 240-26413-1 MS
Matrix: Water
Analysis Batch: 92696

Client Sample ID: WG-12616-062413-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	9.19	J	ug/L		46	33 - 145
Benzene	1.0	U	10.0	9.41		ug/L		94	72 - 121
Dichlorobromomethane	1.0	U	10.0	7.91		ug/L		79	67 - 120
Bromoform	1.0	U	10.0	7.06		ug/L		71	32 - 128
Bromomethane	1.0	U	10.0	5.31		ug/L		53	10 - 186
2-Butanone (MEK)	10	U	20.0	11.1		ug/L		56	54 - 129
Carbon disulfide	1.0	U	10.0	9.70		ug/L		97	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.48		ug/L		85	59 - 129
Chlorobenzene	1.0	U	10.0	8.90		ug/L		89	80 - 110
Chloroethane	1.0	U	10.0	4.23		ug/L		42	21 - 165
Chloroform	1.0	U	10.0	8.78		ug/L		88	76 - 118
Chloromethane	1.0	U	10.0	6.95		ug/L		70	33 - 132
1,1-Dichloroethane	1.0	U	10.0	8.75		ug/L		88	79 - 116
1,2-Dichloroethane	1.0	U	10.0	7.77		ug/L		78	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.60		ug/L		96	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.00		ug/L		90	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	6.90		ug/L		69	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	6.25		ug/L		63	46 - 116
Ethylbenzene	1.0	U	10.0	8.66		ug/L		87	75 - 116
2-Hexanone	10	U	20.0	10.7		ug/L		54	47 - 139
Methylene Chloride	1.0	U	10.0	8.01		ug/L		80	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	11.9		ug/L		60	56 - 131
Styrene	1.0	U	10.0	8.08		ug/L		81	71 - 117

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-1 MS
Matrix: Water
Analysis Batch: 92696

Client Sample ID: WG-12616-062413-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.48		ug/L		75	63 - 122
Tetrachloroethene	1.0	U	10.0	9.25		ug/L		93	70 - 117
Toluene	1.0	U	10.0	8.54		ug/L		85	78 - 114
Trichloroethene	1.0	U	10.0	9.82		ug/L		98	66 - 120
Vinyl chloride	1.0	U	10.0	7.13		ug/L		71	49 - 130
Xylenes, Total	2.0	U	30.0	26.2		ug/L		87	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	9.15		ug/L		92	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	8.41		ug/L		84	75 - 115
Cyclohexane	1.0	U	10.0	9.04		ug/L		90	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.84		ug/L		68	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.11		ug/L		81	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	6.44		ug/L		64	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.19		ug/L		92	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	9.40		ug/L		94	80 - 119
Isopropylbenzene	1.0	U	10.0	7.23		ug/L		72	68 - 116
Methyl acetate	10	U	10.0	6.07	J	ug/L		61	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	7.45		ug/L		75	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	11.9		ug/L		119	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.45		ug/L		74	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.81		ug/L		88	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.70		ug/L		87	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.45		ug/L		84	75 - 110
Trichlorofluoromethane	1.0	U	10.0	7.59		ug/L		76	46 - 157
Chlorodibromomethane	1.0	U	10.0	7.38		ug/L		74	56 - 118
Methylcyclohexane	1.0	U	10.0	8.82		ug/L		88	49 - 127
m-Xylene & p-Xylene	2.0		20.0	17.7		ug/L		88	75 - 117
o-Xylene	1.0		10.0	8.50		ug/L		85	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*63 - 129*
4-Bromofluorobenzene (Surr)	*93*		*66 - 117*
Toluene-d8 (Surr)	*92*		*74 - 115*
Dibromofluoromethane (Surr)	*99*		*75 - 121*

Lab Sample ID: 240-26413-1 MSD
Matrix: Water
Analysis Batch: 92696

Client Sample ID: WG-12616-062413-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	11.8		ug/L		59	33 - 145	25	30
Benzene	1.0	U	10.0	10.2		ug/L		102	72 - 121	8	30
Dichlorobromomethane	1.0	U	10.0	8.54		ug/L		85	67 - 120	8	30
Bromoform	1.0	U	10.0	7.74		ug/L		77	32 - 128	9	30
Bromomethane	1.0	U	10.0	6.42		ug/L		64	10 - 186	19	30
2-Butanone (MEK)	10	U	20.0	12.8		ug/L		64	54 - 129	14	30
Carbon disulfide	1.0	U	10.0	10.7		ug/L		107	57 - 147	9	30
Carbon tetrachloride	1.0	U	10.0	9.08		ug/L		91	59 - 129	7	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-1 MSD
Matrix: Water
Analysis Batch: 92696

Client Sample ID: WG-12616-062413-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	1.0	U	10.0	9.71		ug/L		97	80 - 110	9	30
Chloroethane	1.0	U	10.0	4.97		ug/L		50	21 - 165	16	30
Chloroform	1.0	U	10.0	9.74		ug/L		97	76 - 118	10	30
Chloromethane	1.0	U	10.0	7.69		ug/L		77	33 - 132	10	30
1,1-Dichloroethane	1.0	U	10.0	9.70		ug/L		97	79 - 116	10	30
1,2-Dichloroethane	1.0	U	10.0	8.32		ug/L		83	68 - 129	7	30
1,1-Dichloroethene	1.0	U	10.0	10.2		ug/L		102	74 - 135	6	30
1,2-Dichloropropane	1.0	U	10.0	9.72		ug/L		97	78 - 115	8	30
cis-1,3-Dichloropropene	1.0	U	10.0	7.41		ug/L		74	51 - 110	7	30
trans-1,3-Dichloropropene	1.0	U	10.0	6.80		ug/L		68	46 - 116	8	30
Ethylbenzene	1.0	U	10.0	9.61		ug/L		96	75 - 116	10	30
2-Hexanone	10	U	20.0	13.3		ug/L		67	47 - 139	22	30
Methylene Chloride	1.0	U	10.0	9.06		ug/L		91	63 - 128	12	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.0		ug/L		70	56 - 131	16	30
Styrene	1.0	U	10.0	8.90		ug/L		89	71 - 117	10	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.86		ug/L		79	63 - 122	5	30
Tetrachloroethene	1.0	U	10.0	10.1		ug/L		101	70 - 117	9	30
Toluene	1.0	U	10.0	9.34		ug/L		93	78 - 114	9	30
Trichloroethene	1.0	U	10.0	10.6		ug/L		106	66 - 120	8	30
Vinyl chloride	1.0	U	10.0	7.81		ug/L		78	49 - 130	9	30
Xylenes, Total	2.0	U	30.0	28.5		ug/L		95	76 - 116	8	30
1,1,1-Trichloroethane	1.0	U	10.0	10.0		ug/L		100	68 - 121	9	30
1,1,2-Trichloroethane	1.0	U	10.0	9.08		ug/L		91	75 - 115	8	30
Cyclohexane	1.0	U	10.0	9.47		ug/L		95	49 - 123	5	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.32		ug/L		83	32 - 139	20	30
Ethylene Dibromide	1.0	U	10.0	8.92		ug/L		89	74 - 113	10	30
Dichlorodifluoromethane	1.0	U	10.0	6.87		ug/L		69	17 - 128	6	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	70 - 120	12	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.2		ug/L		102	80 - 119	8	30
Isopropylbenzene	1.0	U	10.0	8.03		ug/L		80	68 - 116	11	30
Methyl acetate	10	U	10.0	7.23	J	ug/L		72	47 - 130	18	30
Methyl tert-butyl ether	1.0	U	10.0	8.50		ug/L		85	46 - 144	13	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	12.7		ug/L		127	70 - 152	6	30
1,2,4-Trichlorobenzene	1.0	U	10.0	10.4	F	ug/L		104	38 - 138	33	30
1,2-Dichlorobenzene	1.0	U	10.0	9.94		ug/L		99	75 - 111	12	30
1,3-Dichlorobenzene	1.0	U	10.0	9.51		ug/L		95	73 - 110	9	30
1,4-Dichlorobenzene	1.0	U	10.0	9.25		ug/L		92	75 - 110	9	30
Trichlorofluoromethane	1.0	U	10.0	8.26		ug/L		83	46 - 157	9	30
Chlorodibromomethane	1.0	U	10.0	7.98		ug/L		80	56 - 118	8	30
Methylcyclohexane	1.0	U	10.0	9.32		ug/L		93	49 - 127	6	30
m-Xylene & p-Xylene	2.0		20.0	19.1		ug/L		95	75 - 117	8	30
o-Xylene	1.0		10.0	9.35		ug/L		93	76 - 116	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*
4-Bromofluorobenzene (Surr)	*106*		*66 - 117*
Toluene-d8 (Surr)	*99*		*74 - 115*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-1 MSD
Matrix: Water
Analysis Batch: 92696

Client Sample ID: WG-12616-062413-DN-01
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*105*		*75 - 121*

Lab Sample ID: MB 240-92808/5
Matrix: Water
Analysis Batch: 92808

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 12:09	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 12:09	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 12:09	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 12:09	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 12:09	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 12:09	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 12:09	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 12:09	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 12:09	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 12:09	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 12:09	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 12:09	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 12:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 12:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 12:09	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 12:09	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 12:09	1
Methylene Chloride	0.410	J	1.0	0.33	ug/L			07/08/13 12:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 12:09	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 12:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 12:09	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 12:09	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 12:09	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 12:09	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 12:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 12:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 12:09	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 12:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 12:09	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 12:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 12:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 12:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 12:09	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 12:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 12:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-92808/5
Matrix: Water
Analysis Batch: 92808

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 12:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 12:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 12:09	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 12:09	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*63 - 129*		*07/08/13 12:09*	*1*
4-Bromofluorobenzene (Surr)	*81*		*66 - 117*		*07/08/13 12:09*	*1*
Toluene-d8 (Surr)	*88*		*74 - 115*		*07/08/13 12:09*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 121*		*07/08/13 12:09*	*1*

Lab Sample ID: LCS 240-92808/4
Matrix: Water
Analysis Batch: 92808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	15.4		ug/L		77	43 - 136
Benzene	10.0	9.37		ug/L		94	83 - 112
Dichlorobromomethane	10.0	9.78		ug/L		98	72 - 121
Bromoform	10.0	9.80		ug/L		98	40 - 131
Bromomethane	10.0	8.55		ug/L		85	11 - 185
2-Butanone (MEK)	20.0	16.1		ug/L		80	60 - 126
Carbon disulfide	10.0	12.3		ug/L		123	62 - 142
Carbon tetrachloride	10.0	10.7		ug/L		107	66 - 128
Chlorobenzene	10.0	9.21		ug/L		92	85 - 110
Chloroethane	10.0	8.95		ug/L		90	25 - 153
Chloroform	10.0	9.36		ug/L		94	79 - 117
Chloromethane	10.0	9.30		ug/L		93	44 - 126
1,1-Dichloroethane	10.0	9.28		ug/L		93	82 - 115
1,2-Dichloroethane	10.0	8.97		ug/L		90	71 - 127
1,1-Dichloroethene	10.0	10.9		ug/L		109	78 - 131
1,2-Dichloropropane	10.0	9.75		ug/L		98	81 - 115
cis-1,3-Dichloropropene	10.0	8.95		ug/L		90	61 - 115
trans-1,3-Dichloropropene	10.0	8.54		ug/L		85	58 - 117
Ethylbenzene	10.0	8.77		ug/L		88	83 - 112
2-Hexanone	20.0	15.4		ug/L		77	55 - 133
Methylene Chloride	10.0	11.7		ug/L		117	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.9		ug/L		85	63 - 128
Styrene	10.0	9.34		ug/L		93	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.32		ug/L		83	68 - 118
Tetrachloroethene	10.0	9.71		ug/L		97	79 - 114
Toluene	10.0	8.95		ug/L		89	84 - 111
Trichloroethene	10.0	10.6		ug/L		106	76 - 117
Vinyl chloride	10.0	9.35		ug/L		94	53 - 127
Xylenes, Total	30.0	27.8		ug/L		93	83 - 112

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-92808/4
Matrix: Water
Analysis Batch: 92808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.1		ug/L		101	74 - 118
1,1,2-Trichloroethane	10.0	9.47		ug/L		95	80 - 112
Cyclohexane	10.0	10.7		ug/L		107	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.96		ug/L		80	42 - 136
Ethylene Dibromide	10.0	9.19		ug/L		92	79 - 113
Dichlorodifluoromethane	10.0	8.73		ug/L		87	19 - 129
cis-1,2-Dichloroethene	10.0	9.25		ug/L		92	80 - 113
trans-1,2-Dichloroethene	10.0	9.59		ug/L		96	83 - 117
Isopropylbenzene	10.0	8.83		ug/L		88	75 - 114
Methyl acetate	10.0	9.20	J	ug/L		92	58 - 131
Methyl tert-butyl ether	10.0	9.22		ug/L		92	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	14.0		ug/L		140	74 - 151
1,2,4-Trichlorobenzene	10.0	8.00		ug/L		80	48 - 135
1,2-Dichlorobenzene	10.0	8.79		ug/L		88	81 - 110
1,3-Dichlorobenzene	10.0	8.90		ug/L		89	80 - 110
1,4-Dichlorobenzene	10.0	8.79		ug/L		88	82 - 110
Trichlorofluoromethane	10.0	11.6		ug/L		116	49 - 157
Chlorodibromomethane	10.0	9.42		ug/L		94	64 - 119
Methylcyclohexane	10.0	11.4		ug/L		114	56 - 127
m-Xylene & p-Xylene	20.0	18.5		ug/L		92	83 - 113
o-Xylene	10.0	9.27		ug/L		93	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 129*
4-Bromofluorobenzene (Surr)	*93*		*66 - 117*
Toluene-d8 (Surr)	*93*		*74 - 115*
Dibromofluoromethane (Surr)	*91*		*75 - 121*

Lab Sample ID: MB 240-92874/5
Matrix: Water
Analysis Batch: 92874

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/08/13 23:36	1
Benzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/08/13 23:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/08/13 23:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/08/13 23:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/08/13 23:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 23:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/08/13 23:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/08/13 23:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/08/13 23:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/08/13 23:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 23:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-92874/5
Matrix: Water
Analysis Batch: 92874

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 23:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/08/13 23:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/08/13 23:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/08/13 23:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/08/13 23:36	1
2-Hexanone	10	U	10	0.41	ug/L			07/08/13 23:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/08/13 23:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/08/13 23:36	1
Styrene	1.0	U	1.0	0.11	ug/L			07/08/13 23:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/08/13 23:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/08/13 23:36	1
Toluene	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 23:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/08/13 23:36	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/08/13 23:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/08/13 23:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/08/13 23:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/08/13 23:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/08/13 23:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/08/13 23:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/08/13 23:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/08/13 23:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/08/13 23:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
Methyl acetate	10	U	10	0.38	ug/L			07/08/13 23:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/08/13 23:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/08/13 23:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/08/13 23:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/08/13 23:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/08/13 23:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/08/13 23:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/08/13 23:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*63 - 129*		*07/08/13 23:36*	*1*
4-Bromofluorobenzene (Surr)	*84*		*66 - 117*		*07/08/13 23:36*	*1*
Toluene-d8 (Surr)	*89*		*74 - 115*		*07/08/13 23:36*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*07/08/13 23:36*	*1*

Lab Sample ID: LCS 240-92874/4
Matrix: Water
Analysis Batch: 92874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	14.4		ug/L		72	43 - 136
Benzene	10.0	10.3		ug/L		103	83 - 112

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-92874/4
Matrix: Water
Analysis Batch: 92874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	10.0	11.3		ug/L		113	72 - 121
Bromoform	10.0	9.63		ug/L		96	40 - 131
Bromomethane	10.0	10.4		ug/L		104	11 - 185
2-Butanone (MEK)	20.0	16.2		ug/L		81	60 - 126
Carbon disulfide	10.0	12.3		ug/L		123	62 - 142
Carbon tetrachloride	10.0	10.5		ug/L		105	66 - 128
Chlorobenzene	10.0	9.75		ug/L		97	85 - 110
Chloroethane	10.0	9.95		ug/L		99	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 117
Chloromethane	10.0	9.66		ug/L		97	44 - 126
1,1-Dichloroethane	10.0	10.5		ug/L		105	82 - 115
1,2-Dichloroethane	10.0	9.54		ug/L		95	71 - 127
1,1-Dichloroethene	10.0	10.7		ug/L		107	78 - 131
1,2-Dichloropropane	10.0	11.1		ug/L		111	81 - 115
cis-1,3-Dichloropropene	10.0	9.64		ug/L		96	61 - 115
trans-1,3-Dichloropropene	10.0	8.11		ug/L		81	58 - 117
Ethylbenzene	10.0	9.06		ug/L		91	83 - 112
2-Hexanone	20.0	13.7		ug/L		69	55 - 133
Methylene Chloride	10.0	12.4		ug/L		124	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.2		ug/L		81	63 - 128
Styrene	10.0	9.57		ug/L		96	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.19		ug/L		82	68 - 118
Tetrachloroethene	10.0	9.20		ug/L		92	79 - 114
Toluene	10.0	9.24		ug/L		92	84 - 111
Trichloroethene	10.0	11.0		ug/L		110	76 - 117
Vinyl chloride	10.0	9.95		ug/L		100	53 - 127
Xylenes, Total	30.0	27.6		ug/L		92	83 - 112
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	74 - 118
1,1,2-Trichloroethane	10.0	9.61		ug/L		96	80 - 112
Cyclohexane	10.0	8.93		ug/L		89	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.34		ug/L		73	42 - 136
Ethylene Dibromide	10.0	9.18		ug/L		92	79 - 113
Dichlorodifluoromethane	10.0	6.78		ug/L		68	19 - 129
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 113
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	83 - 117
Isopropylbenzene	10.0	8.34		ug/L		83	75 - 114
Methyl acetate	10.0	9.58	J	ug/L		96	58 - 131
Methyl tert-butyl ether	10.0	9.62		ug/L		96	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.1		ug/L		111	74 - 151
1,2,4-Trichlorobenzene	10.0	7.28		ug/L		73	48 - 135
1,2-Dichlorobenzene	10.0	9.04		ug/L		90	81 - 110
1,3-Dichlorobenzene	10.0	8.62		ug/L		86	80 - 110
1,4-Dichlorobenzene	10.0	8.54		ug/L		85	82 - 110
Trichlorofluoromethane	10.0	9.74		ug/L		97	49 - 157
Chlorodibromomethane	10.0	9.84		ug/L		98	64 - 119
Methylcyclohexane	10.0	8.66		ug/L		87	56 - 127
m-Xylene & p-Xylene	20.0	18.4		ug/L		92	83 - 113

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-92874/4
Matrix: Water
Analysis Batch: 92874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
o-Xylene			10.0	9.22		ug/L		92	83 - 113		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*63 - 129*
4-Bromofluorobenzene (Surr)	*93*		*66 - 117*
Toluene-d8 (Surr)	*93*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: 240-26413-20 MS
Matrix: Water
Analysis Batch: 92874

Client Sample ID: WG-12616-062613-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acetone	10	U	20.0	12.9		ug/L		64	33 - 145		
Benzene	1.0	U	10.0	10.1		ug/L		101	72 - 121		
Dichlorobromomethane	1.0	U	10.0	10.3		ug/L		103	67 - 120		
Bromoform	1.0	U	10.0	9.29		ug/L		93	32 - 128		
Bromomethane	1.0	U	10.0	9.84		ug/L		98	10 - 186		
2-Butanone (MEK)	10	U	20.0	14.5		ug/L		73	54 - 129		
Carbon disulfide	1.0	U	10.0	11.9		ug/L		119	57 - 147		
Carbon tetrachloride	1.0	U	10.0	11.3		ug/L		113	59 - 129		
Chlorobenzene	1.0	U	10.0	8.96		ug/L		90	80 - 110		
Chloroethane	1.0	U	10.0	10.1		ug/L		101	21 - 165		
Chloroform	1.0	U	10.0	9.81		ug/L		98	76 - 118		
Chloromethane	1.0	U	10.0	9.02		ug/L		90	33 - 132		
1,1-Dichloroethane	1.0	U	10.0	9.38		ug/L		94	79 - 116		
1,2-Dichloroethane	1.0	U	10.0	9.46		ug/L		95	68 - 129		
1,1-Dichloroethene	1.0	U	10.0	11.4		ug/L		114	74 - 135		
1,2-Dichloropropane	1.0	U	10.0	9.59		ug/L		96	78 - 115		
cis-1,3-Dichloropropene	1.0	U	10.0	8.42		ug/L		84	51 - 110		
trans-1,3-Dichloropropene	1.0	U	10.0	7.28		ug/L		73	46 - 116		
Ethylbenzene	1.0	U	10.0	8.65		ug/L		86	75 - 116		
2-Hexanone	10	U	20.0	12.2		ug/L		61	47 - 139		
Methylene Chloride	1.0	U	10.0	9.27		ug/L		93	63 - 128		
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.2		ug/L		71	56 - 131		
Styrene	1.0	U	10.0	8.87		ug/L		89	71 - 117		
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.33		ug/L		73	63 - 122		
Tetrachloroethene	1.0	U	10.0	10.2		ug/L		102	70 - 117		
Toluene	1.0	U	10.0	8.81		ug/L		88	78 - 114		
Trichloroethene	1.0	U	10.0	10.7		ug/L		107	66 - 120		
Vinyl chloride	1.0	U	10.0	9.72		ug/L		97	49 - 130		
Xylenes, Total	2.0	U	30.0	26.9		ug/L		90	76 - 116		
1,1,1-Trichloroethane	1.0	U	10.0	10.7		ug/L		107	68 - 121		
1,1,2-Trichloroethane	1.0	U	10.0	8.98		ug/L		90	75 - 115		
Cyclohexane	1.0	U	10.0	9.85		ug/L		98	49 - 123		
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.31		ug/L		73	32 - 139		
Ethylene Dibromide	1.0	U	10.0	8.44		ug/L		84	74 - 113		
Dichlorodifluoromethane	1.0	U	10.0	8.52		ug/L		85	17 - 128		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-20 MS
Matrix: Water
Analysis Batch: 92874

Client Sample ID: WG-12616-062613-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	9.76		ug/L		98	80 - 119
Isopropylbenzene	1.0	U	10.0	8.45		ug/L		84	68 - 116
Methyl acetate	10	U	10.0	8.36	J	ug/L		84	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	8.74		ug/L		87	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	14.0		ug/L		140	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	6.95		ug/L		70	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.97		ug/L		90	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.76		ug/L		88	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.47		ug/L		85	75 - 110
Trichlorofluoromethane	1.0	U	10.0	10.3		ug/L		103	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.26		ug/L		93	56 - 118
Methylcyclohexane	1.0	U	10.0	11.4		ug/L		114	49 - 127
m-Xylene & p-Xylene	2.0		20.0	18.0		ug/L		90	75 - 117
o-Xylene	1.0		10.0	8.88		ug/L		89	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 129*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*
Toluene-d8 (Surr)	*93*		*74 - 115*
Dibromofluoromethane (Surr)	*102*		*75 - 121*

Lab Sample ID: 240-26413-20 MSD
Matrix: Water
Analysis Batch: 92874

Client Sample ID: WG-12616-062613-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	12.6		ug/L		63	33 - 145	3	30
Benzene	1.0	U	10.0	10.2		ug/L		102	72 - 121	2	30
Dichlorobromomethane	1.0	U	10.0	10.7		ug/L		107	67 - 120	3	30
Bromoform	1.0	U	10.0	9.56		ug/L		96	32 - 128	3	30
Bromomethane	1.0	U	10.0	8.03		ug/L		80	10 - 186	20	30
2-Butanone (MEK)	10	U	20.0	16.2		ug/L		81	54 - 129	11	30
Carbon disulfide	1.0	U	10.0	11.8		ug/L		118	57 - 147	1	30
Carbon tetrachloride	1.0	U	10.0	11.0		ug/L		110	59 - 129	3	30
Chlorobenzene	1.0	U	10.0	9.17		ug/L		92	80 - 110	2	30
Chloroethane	1.0	U	10.0	9.49		ug/L		95	21 - 165	6	30
Chloroform	1.0	U	10.0	9.72		ug/L		97	76 - 118	1	30
Chloromethane	1.0	U	10.0	8.26		ug/L		83	33 - 132	9	30
1,1-Dichloroethane	1.0	U	10.0	9.84		ug/L		98	79 - 116	5	30
1,2-Dichloroethane	1.0	U	10.0	9.68		ug/L		97	68 - 129	2	30
1,1-Dichloroethene	1.0	U	10.0	10.5		ug/L		105	74 - 135	9	30
1,2-Dichloropropane	1.0	U	10.0	10.1		ug/L		101	78 - 115	5	30
cis-1,3-Dichloropropene	1.0	U	10.0	9.14		ug/L		91	51 - 110	8	30
trans-1,3-Dichloropropene	1.0	U	10.0	7.89		ug/L		79	46 - 116	8	30
Ethylbenzene	1.0	U	10.0	8.88		ug/L		89	75 - 116	3	30
2-Hexanone	10	U	20.0	13.3		ug/L		66	47 - 139	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-20 MSD
Matrix: Water
Analysis Batch: 92874

Client Sample ID: WG-12616-062613-DN-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	1.0	U	10.0	9.54		ug/L		95	63 - 128	3	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	15.4		ug/L		77	56 - 131	8	30
Styrene	1.0	U	10.0	9.47		ug/L		95	71 - 117	7	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.60		ug/L		76	63 - 122	4	30
Tetrachloroethene	1.0	U	10.0	9.92		ug/L		99	70 - 117	3	30
Toluene	1.0	U	10.0	8.91		ug/L		89	78 - 114	1	30
Trichloroethene	1.0	U	10.0	11.0		ug/L		110	66 - 120	3	30
Vinyl chloride	1.0	U	10.0	9.08		ug/L		91	49 - 130	7	30
Xylenes, Total	2.0	U	30.0	28.1		ug/L		94	76 - 116	4	30
1,1,1-Trichloroethane	1.0	U	10.0	10.4		ug/L		104	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	9.14		ug/L		91	75 - 115	2	30
Cyclohexane	1.0	U	10.0	9.47		ug/L		95	49 - 123	4	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.16		ug/L		72	32 - 139	2	30
Ethylene Dibromide	1.0	U	10.0	8.75		ug/L		88	74 - 113	4	30
Dichlorodifluoromethane	1.0	U	10.0	7.24		ug/L		72	17 - 128	16	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.1		ug/L		101	70 - 120	2	30
trans-1,2-Dichloroethene	1.0	U	10.0	9.80		ug/L		98	80 - 119	0	30
Isopropylbenzene	1.0	U	10.0	8.80		ug/L		88	68 - 116	4	30
Methyl acetate	10	U	10.0	8.53	J	ug/L		85	47 - 130	2	30
Methyl tert-butyl ether	1.0	U	10.0	9.23		ug/L		92	46 - 144	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	12.7		ug/L		127	70 - 152	10	30
1,2,4-Trichlorobenzene	1.0	U	10.0	7.33		ug/L		73	38 - 138	5	30
1,2-Dichlorobenzene	1.0	U	10.0	8.52		ug/L		85	75 - 111	5	30
1,3-Dichlorobenzene	1.0	U	10.0	8.95		ug/L		90	73 - 110	2	30
1,4-Dichlorobenzene	1.0	U	10.0	8.68		ug/L		87	75 - 110	2	30
Trichlorofluoromethane	1.0	U	10.0	9.57		ug/L		96	46 - 157	7	30
Chlorodibromomethane	1.0	U	10.0	9.25		ug/L		92	56 - 118	0	30
Methylcyclohexane	1.0	U	10.0	9.60		ug/L		96	49 - 127	17	30
m-Xylene & p-Xylene	2.0		20.0	18.8		ug/L		94	75 - 117	4	30
o-Xylene	1.0		10.0	9.30		ug/L		93	76 - 116	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*63 - 129*
4-Bromofluorobenzene (Surr)	*92*		*66 - 117*
Toluene-d8 (Surr)	*89*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: MB 240-92969/5
Matrix: Water
Analysis Batch: 92969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/09/13 12:33	1
Benzene	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/09/13 12:33	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/09/13 12:33	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/09/13 12:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-92969/5
Matrix: Water
Analysis Batch: 92969

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/09/13 12:33	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 12:33	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/09/13 12:33	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/09/13 12:33	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/09/13 12:33	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/09/13 12:33	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 12:33	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 12:33	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/09/13 12:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/09/13 12:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/09/13 12:33	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/09/13 12:33	1
2-Hexanone	10	U	10	0.41	ug/L			07/09/13 12:33	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/09/13 12:33	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/09/13 12:33	1
Styrene	1.0	U	1.0	0.11	ug/L			07/09/13 12:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/09/13 12:33	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/09/13 12:33	1
Toluene	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 12:33	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/09/13 12:33	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/09/13 12:33	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/09/13 12:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/09/13 12:33	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/09/13 12:33	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/09/13 12:33	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/09/13 12:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/09/13 12:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/09/13 12:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/09/13 12:33	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
Methyl acetate	10	U	10	0.38	ug/L			07/09/13 12:33	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/09/13 12:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/09/13 12:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/09/13 12:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/09/13 12:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/09/13 12:33	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/09/13 12:33	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/09/13 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*07/09/13 12:33*	*1*
4-Bromofluorobenzene (Surr)	*88*		*66 - 117*		*07/09/13 12:33*	*1*
Toluene-d8 (Surr)	*91*		*74 - 115*		*07/09/13 12:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-92969/5
Matrix: Water
Analysis Batch: 92969

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	105		75 - 121		07/09/13 12:33	1

Lab Sample ID: LCS 240-92969/4
Matrix: Water
Analysis Batch: 92969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.0		ug/L		80	43 - 136
Benzene	10.0	10.3		ug/L		103	83 - 112
Dichlorobromomethane	10.0	10.6		ug/L		106	72 - 121
Bromoform	10.0	9.89		ug/L		99	40 - 131
Bromomethane	10.0	9.01		ug/L		90	11 - 185
2-Butanone (MEK)	20.0	16.7		ug/L		84	60 - 126
Carbon disulfide	10.0	13.3		ug/L		133	62 - 142
Carbon tetrachloride	10.0	11.2		ug/L		112	66 - 128
Chlorobenzene	10.0	9.45		ug/L		95	85 - 110
Chloroethane	10.0	9.35		ug/L		94	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 117
Chloromethane	10.0	8.90		ug/L		89	44 - 126
1,1-Dichloroethane	10.0	9.86		ug/L		99	82 - 115
1,2-Dichloroethane	10.0	9.58		ug/L		96	71 - 127
1,1-Dichloroethene	10.0	11.8		ug/L		118	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	9.31		ug/L		93	61 - 115
trans-1,3-Dichloropropene	10.0	8.32		ug/L		83	58 - 117
Ethylbenzene	10.0	9.25		ug/L		92	83 - 112
2-Hexanone	20.0	15.5		ug/L		77	55 - 133
Methylene Chloride	10.0	12.1		ug/L		121	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.7		ug/L		83	63 - 128
Styrene	10.0	9.71		ug/L		97	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.37		ug/L		84	68 - 118
Tetrachloroethene	10.0	9.86		ug/L		99	79 - 114
Toluene	10.0	9.15		ug/L		92	84 - 111
Trichloroethene	10.0	11.1		ug/L		111	76 - 117
Vinyl chloride	10.0	8.65		ug/L		87	53 - 127
Xylenes, Total	30.0	28.4		ug/L		95	83 - 112
1,1,1-Trichloroethane	10.0	11.3		ug/L		113	74 - 118
1,1,2-Trichloroethane	10.0	9.76		ug/L		98	80 - 112
Cyclohexane	10.0	8.99		ug/L		90	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.55		ug/L		75	42 - 136
Ethylene Dibromide	10.0	9.17		ug/L		92	79 - 113
Dichlorodifluoromethane	10.0	6.64		ug/L		66	19 - 129
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 113
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	83 - 117
Isopropylbenzene	10.0	8.99		ug/L		90	75 - 114
Methyl acetate	10.0	8.92	J	ug/L		89	58 - 131
Methyl tert-butyl ether	10.0	9.21		ug/L		92	52 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-92969/4
Matrix: Water
Analysis Batch: 92969

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.5		ug/L		115	74 - 151
1,2,4-Trichlorobenzene	10.0	7.86		ug/L		79	48 - 135
1,2-Dichlorobenzene	10.0	9.06		ug/L		91	81 - 110
1,3-Dichlorobenzene	10.0	9.50		ug/L		95	80 - 110
1,4-Dichlorobenzene	10.0	9.11		ug/L		91	82 - 110
Trichlorofluoromethane	10.0	10.4		ug/L		104	49 - 157
Chlorodibromomethane	10.0	9.83		ug/L		98	64 - 119
Methylcyclohexane	10.0	9.40		ug/L		94	56 - 127
m-Xylene & p-Xylene	20.0	18.9		ug/L		94	83 - 113
o-Xylene	10.0	9.51		ug/L		95	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*63 - 129*
4-Bromofluorobenzene (Surr)	*91*		*66 - 117*
Toluene-d8 (Surr)	*89*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: 240-26413-39 MS
Matrix: Water
Analysis Batch: 92969

Client Sample ID: WG-12616-062813-DN-39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	12.2		ug/L		61	33 - 145
Benzene	1.0	U	10.0	9.31		ug/L		93	72 - 121
Dichlorobromomethane	1.0	U	10.0	9.74		ug/L		97	67 - 120
Bromoform	1.0	U	10.0	9.73		ug/L		97	32 - 128
Bromomethane	1.0	U	10.0	9.91		ug/L		99	10 - 186
2-Butanone (MEK)	10	U	20.0	14.2		ug/L		71	54 - 129
Carbon disulfide	1.0	U	10.0	12.1		ug/L		121	57 - 147
Carbon tetrachloride	1.0	U	10.0	10.4		ug/L		104	59 - 129
Chlorobenzene	1.0	U	10.0	9.32		ug/L		93	80 - 110
Chloroethane	1.0	U	10.0	10.4		ug/L		104	21 - 165
Chloroform	1.0	U	10.0	9.31		ug/L		93	76 - 118
Chloromethane	1.0	U	10.0	7.75		ug/L		77	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.39		ug/L		94	79 - 116
1,2-Dichloroethane	1.0	U	10.0	9.09		ug/L		91	68 - 129
1,1-Dichloroethene	1.0	U	10.0	10.9		ug/L		109	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.55		ug/L		95	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	7.80		ug/L		78	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	7.82		ug/L		78	46 - 116
Ethylbenzene	1.0	U	10.0	8.65		ug/L		86	75 - 116
2-Hexanone	10	U	20.0	13.1		ug/L		66	47 - 139
Methylene Chloride	1.0	U	10.0	10.5		ug/L		105	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.9		ug/L		75	56 - 131
Styrene	1.0	U	10.0	9.05		ug/L		91	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.67		ug/L		77	63 - 122
Tetrachloroethene	1.0	U	10.0	10.0		ug/L		100	70 - 117

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-39 MS
Matrix: Water
Analysis Batch: 92969

Client Sample ID: WG-12616-062813-DN-39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	1.0	U	10.0	8.94		ug/L		89	78 - 114
Trichloroethene	1.0	U	10.0	10.6		ug/L		106	66 - 120
Vinyl chloride	1.0	U	10.0	8.70		ug/L		87	49 - 130
Xylenes, Total	2.0	U	30.0	27.1		ug/L		90	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	10.2		ug/L		102	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.52		ug/L		95	75 - 115
Cyclohexane	1.0	U	10.0	8.78		ug/L		88	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.64		ug/L		76	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.89		ug/L		89	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	6.81		ug/L		68	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.47		ug/L		95	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	9.48		ug/L		95	80 - 119
Isopropylbenzene	1.0	U	10.0	7.95		ug/L		80	68 - 116
Methyl acetate	10	U	10.0	8.28	J	ug/L		83	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	8.74		ug/L		87	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	11.8		ug/L		118	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.76		ug/L		78	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.96		ug/L		90	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.59		ug/L		86	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.43		ug/L		84	75 - 110
Trichlorofluoromethane	1.0	U	10.0	9.46		ug/L		95	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.35		ug/L		94	56 - 118
Methylcyclohexane	1.0	U	10.0	8.18		ug/L		82	49 - 127
m-Xylene & p-Xylene	2.0		20.0	18.2		ug/L		91	75 - 117
o-Xylene	1.0		10.0	8.91		ug/L		89	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*
4-Bromofluorobenzene (Surr)	*95*		*66 - 117*
Toluene-d8 (Surr)	*94*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: 240-26413-39 MSD
Matrix: Water
Analysis Batch: 92969

Client Sample ID: WG-12616-062813-DN-39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	7.50	J F	ug/L		37	33 - 145	48	30
Benzene	1.0	U	10.0	6.08	F	ug/L		61	72 - 121	42	30
Dichlorobromomethane	1.0	U	10.0	6.07	F	ug/L		61	67 - 120	46	30
Bromoform	1.0	U	10.0	6.21	F	ug/L		62	32 - 128	44	30
Bromomethane	1.0	U	10.0	5.19	F	ug/L		52	10 - 186	62	30
2-Butanone (MEK)	10	U	20.0	9.26	J F	ug/L		46	54 - 129	42	30
Carbon disulfide	1.0	U	10.0	8.32	F	ug/L		83	57 - 147	37	30
Carbon tetrachloride	1.0	U	10.0	6.88	F	ug/L		69	59 - 129	41	30
Chlorobenzene	1.0	U	10.0	5.66	F	ug/L		57	80 - 110	49	30
Chloroethane	1.0	U	10.0	6.78	F	ug/L		68	21 - 165	42	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-26413-39 MSD
Matrix: Water
Analysis Batch: 92969

Client Sample ID: WG-12616-062813-DN-39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	1.0	U	10.0	6.04	F	ug/L		60	76 - 118	43	30
Chloromethane	1.0	U	10.0	5.45	F	ug/L		54	33 - 132	35	30
1,1-Dichloroethane	1.0	U	10.0	6.08	F	ug/L		61	79 - 116	43	30
1,2-Dichloroethane	1.0	U	10.0	5.79	F	ug/L		58	68 - 129	44	30
1,1-Dichloroethene	1.0	U	10.0	7.05	F	ug/L		71	74 - 135	43	30
1,2-Dichloropropane	1.0	U	10.0	6.07	F	ug/L		61	78 - 115	44	30
cis-1,3-Dichloropropene	1.0	U	10.0	4.93	F	ug/L		49	51 - 110	45	30
trans-1,3-Dichloropropene	1.0	U	10.0	4.61	F	ug/L		46	46 - 116	52	30
Ethylbenzene	1.0	U	10.0	5.26	F	ug/L		53	75 - 116	49	30
2-Hexanone	10	U	20.0	8.36	J F	ug/L		42	47 - 139	44	30
Methylene Chloride	1.0	U	10.0	5.92	F	ug/L		59	63 - 128	56	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	9.46	J F	ug/L		47	56 - 131	45	30
Styrene	1.0	U	10.0	5.17	F	ug/L		52	71 - 117	55	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	4.49	F	ug/L		45	63 - 122	52	30
Tetrachloroethene	1.0	U	10.0	6.19	F	ug/L		62	70 - 117	47	30
Toluene	1.0	U	10.0	5.41	F	ug/L		54	78 - 114	49	30
Trichloroethene	1.0	U	10.0	6.83	F	ug/L		68	66 - 120	44	30
Vinyl chloride	1.0	U	10.0	5.96	F	ug/L		60	49 - 130	37	30
Xylenes, Total	2.0	U	30.0	15.9	F	ug/L		53	76 - 116	52	30
1,1,1-Trichloroethane	1.0	U	10.0	6.61	F	ug/L		66	68 - 121	43	30
1,1,2-Trichloroethane	1.0	U	10.0	5.69	F	ug/L		57	75 - 115	50	30
Cyclohexane	1.0	U	10.0	6.96		ug/L		70	49 - 123	23	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	5.30	F	ug/L		53	32 - 139	36	30
Ethylene Dibromide	1.0	U	10.0	5.69	F	ug/L		57	74 - 113	44	30
Dichlorodifluoromethane	1.0	U	10.0	6.35		ug/L		63	17 - 128	7	30
cis-1,2-Dichloroethene	1.0	U	10.0	5.96	F	ug/L		60	70 - 120	45	30
trans-1,2-Dichloroethene	1.0	U	10.0	6.36	F	ug/L		64	80 - 119	39	30
Isopropylbenzene	1.0	U	10.0	4.79	F	ug/L		48	68 - 116	50	30
Methyl acetate	10	U	10.0	5.36	J F	ug/L		54	47 - 130	43	30
Methyl tert-butyl ether	1.0	U	10.0	5.53	F	ug/L		55	46 - 144	45	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.6		ug/L		106	70 - 152	11	30
1,2,4-Trichlorobenzene	1.0	U	10.0	4.56	F	ug/L		46	38 - 138	52	30
1,2-Dichlorobenzene	1.0	U	10.0	5.04	F	ug/L		50	75 - 111	56	30
1,3-Dichlorobenzene	1.0	U	10.0	5.35	F	ug/L		54	73 - 110	47	30
1,4-Dichlorobenzene	1.0	U	10.0	4.88	F	ug/L		49	75 - 110	53	30
Trichlorofluoromethane	1.0	U	10.0	7.72		ug/L		77	46 - 157	20	30
Chlorodibromomethane	1.0	U	10.0	5.75	F	ug/L		58	56 - 118	48	30
Methylcyclohexane	1.0	U	10.0	6.84		ug/L		68	49 - 127	18	30
m-Xylene & p-Xylene	2.0		20.0	10.9	F	ug/L		54	75 - 117	50	30
o-Xylene	1.0		10.0	5.03	F	ug/L		50	76 - 116	56	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*
4-Bromofluorobenzene (Surr)	*98*		*66 - 117*
Toluene-d8 (Surr)	*92*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-93295/5
Matrix: Water
Analysis Batch: 93295

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			07/11/13 11:00	1
Benzene	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/11/13 11:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/11/13 11:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/11/13 11:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/11/13 11:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/11/13 11:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/11/13 11:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/11/13 11:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/11/13 11:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/11/13 11:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/11/13 11:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/11/13 11:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/11/13 11:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/11/13 11:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/11/13 11:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/11/13 11:00	1
2-Hexanone	10	U	10	0.41	ug/L			07/11/13 11:00	1
Methylene Chloride	0.715	J	1.0	0.33	ug/L			07/11/13 11:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/11/13 11:00	1
Styrene	1.0	U	1.0	0.11	ug/L			07/11/13 11:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/11/13 11:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/11/13 11:00	1
Toluene	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/11/13 11:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/11/13 11:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/11/13 11:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/11/13 11:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/11/13 11:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/11/13 11:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/11/13 11:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/11/13 11:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/11/13 11:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/11/13 11:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/11/13 11:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
Methyl acetate	10	U	10	0.38	ug/L			07/11/13 11:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/11/13 11:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/11/13 11:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/11/13 11:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/11/13 11:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/11/13 11:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/11/13 11:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/11/13 11:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-93295/5
Matrix: Water
Analysis Batch: 93295

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*07/11/13 11:00*	*1*
4-Bromofluorobenzene (Surr)	*76*		*66 - 117*		*07/11/13 11:00*	*1*
Toluene-d8 (Surr)	*89*		*74 - 115*		*07/11/13 11:00*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 121*		*07/11/13 11:00*	*1*

Lab Sample ID: LCS 240-93295/4
Matrix: Water
Analysis Batch: 93295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	13.3		ug/L		67	43 - 136
Benzene	10.0	9.31		ug/L		93	83 - 112
Dichlorobromomethane	10.0	10.5		ug/L		105	72 - 121
Bromoform	10.0	11.0		ug/L		110	40 - 131
Bromomethane	10.0	6.82		ug/L		68	11 - 185
2-Butanone (MEK)	20.0	12.6		ug/L		63	60 - 126
Carbon disulfide	10.0	11.0		ug/L		110	62 - 142
Carbon tetrachloride	10.0	9.55		ug/L		96	66 - 128
Chlorobenzene	10.0	9.81		ug/L		98	85 - 110
Chloroethane	10.0	10.0		ug/L		100	25 - 153
Chloroform	10.0	9.78		ug/L		98	79 - 117
Chloromethane	10.0	9.78		ug/L		98	44 - 126
1,1-Dichloroethane	10.0	9.03		ug/L		90	82 - 115
1,2-Dichloroethane	10.0	8.87		ug/L		89	71 - 127
1,1-Dichloroethene	10.0	10.7		ug/L		107	78 - 131
1,2-Dichloropropane	10.0	9.45		ug/L		94	81 - 115
cis-1,3-Dichloropropene	10.0	8.43		ug/L		84	61 - 115
trans-1,3-Dichloropropene	10.0	8.65		ug/L		86	58 - 117
Ethylbenzene	10.0	9.37		ug/L		94	83 - 112
2-Hexanone	20.0	12.1		ug/L		60	55 - 133
Methylene Chloride	10.0	12.9		ug/L		129	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	12.5		ug/L		63	63 - 128
Styrene	10.0	9.79		ug/L		98	79 - 114
1,1,2,2-Tetrachloroethane	10.0	6.82		ug/L		68	68 - 118
Tetrachloroethene	10.0	11.3		ug/L		113	79 - 114
Toluene	10.0	9.65		ug/L		97	84 - 111
Trichloroethene	10.0	10.5		ug/L		105	76 - 117
Vinyl chloride	10.0	8.97		ug/L		90	53 - 127
Xylenes, Total	30.0	28.7		ug/L		96	83 - 112
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 118
1,1,2-Trichloroethane	10.0	9.49		ug/L		95	80 - 112
Cyclohexane	10.0	8.33		ug/L		83	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.74		ug/L		87	42 - 136
Ethylene Dibromide	10.0	9.14		ug/L		91	79 - 113
Dichlorodifluoromethane	10.0	7.18		ug/L		72	19 - 129
cis-1,2-Dichloroethene	10.0	9.90		ug/L		99	80 - 113
trans-1,2-Dichloroethene	10.0	9.63		ug/L		96	83 - 117
Isopropylbenzene	10.0	8.92		ug/L		89	75 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-93295/4
Matrix: Water
Analysis Batch: 93295

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	6.88	J	ug/L		69	58 - 131
Methyl tert-butyl ether	10.0	7.85		ug/L		79	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.3		ug/L		123	74 - 151
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	48 - 135
1,2-Dichlorobenzene	10.0	10.5		ug/L		105	81 - 110
1,3-Dichlorobenzene	10.0	10.0		ug/L		100	80 - 110
1,4-Dichlorobenzene	10.0	9.78		ug/L		98	82 - 110
Trichlorofluoromethane	10.0	8.70		ug/L		87	49 - 157
Chlorodibromomethane	10.0	10.4		ug/L		104	64 - 119
Methylcyclohexane	10.0	7.65		ug/L		77	56 - 127
m-Xylene & p-Xylene	20.0	19.4		ug/L		97	83 - 113
o-Xylene	10.0	9.25		ug/L		93	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 129*
4-Bromofluorobenzene (Surr)	*97*		*66 - 117*
Toluene-d8 (Surr)	*97*		*74 - 115*
Dibromofluoromethane (Surr)	*94*		*75 - 121*

GC/MS VOA

Analysis Batch: 92696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26413-1	WG-12616-062413-DN-01	Total/NA	Water	8260B	
240-26413-1 MS	WG-12616-062413-DN-01	Total/NA	Water	8260B	
240-26413-1 MSD	WG-12616-062413-DN-01	Total/NA	Water	8260B	
240-26413-2	WG-12616-062413-DN-02	Total/NA	Water	8260B	
240-26413-3	WG-12616-062413-DN-03	Total/NA	Water	8260B	
240-26413-4	WG-12616-062413-DN-04	Total/NA	Water	8260B	
240-26413-5	WG-12616-062413-DN-05	Total/NA	Water	8260B	
240-26413-6	WG-12616-062413-DN-06	Total/NA	Water	8260B	
240-26413-7	WG-12616-062413-DN-07	Total/NA	Water	8260B	
240-26413-8	WG-12616-062413-DN-08	Total/NA	Water	8260B	
LCS 240-92696/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-92696/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 92808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26413-9	WG-12616-062413-DN-09	Total/NA	Water	8260B	
240-26413-10	WG-12616-062513-DN-10	Total/NA	Water	8260B	
240-26413-11	WG-12616-062513-DN-11	Total/NA	Water	8260B	
240-26413-12	WG-12616-062513-DN-12	Total/NA	Water	8260B	
240-26413-13	WG-12616-062513-DN-13	Total/NA	Water	8260B	
240-26413-14	WG-12616-062513-DN-14	Total/NA	Water	8260B	
240-26413-15	WG-12616-062513-DN-15	Total/NA	Water	8260B	
240-26413-16	WG-12616-062513-DN-16	Total/NA	Water	8260B	
240-26413-17	WG-12616-062513-DN-17	Total/NA	Water	8260B	
240-26413-47	TB-12616-001	Total/NA	Water	8260B	
LCS 240-92808/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-92808/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 92874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26413-18	WG-12616-062613-DN-18	Total/NA	Water	8260B	
240-26413-19	WG-12616-062613-DN-19	Total/NA	Water	8260B	
240-26413-20	WG-12616-062613-DN-20	Total/NA	Water	8260B	
240-26413-20 MS	WG-12616-062613-DN-20	Total/NA	Water	8260B	
240-26413-20 MSD	WG-12616-062613-DN-20	Total/NA	Water	8260B	
240-26413-21	WG-12616-062613-DN-21	Total/NA	Water	8260B	
240-26413-22	WG-12616-062613-DN-22	Total/NA	Water	8260B	
240-26413-23	WG-12616-062613-DN-23	Total/NA	Water	8260B	
240-26413-24	WG-12616-062613-DN-24	Total/NA	Water	8260B	
240-26413-26	WG-12616-062713-DN-26	Total/NA	Water	8260B	
240-26413-27	WG-12616-062713-DN-27	Total/NA	Water	8260B	
240-26413-28	WG-12616-062713-DN-28	Total/NA	Water	8260B	
240-26413-29	WG-12616-062713-DN-29	Total/NA	Water	8260B	
240-26413-32	WG-12616-062713-DN-32	Total/NA	Water	8260B	
240-26413-33	WG-12616-062813-DN-33	Total/NA	Water	8260B	
240-26413-34	WG-12616-062813-DN-34	Total/NA	Water	8260B	
240-26413-35	WG-12616-062813-DN-35	Total/NA	Water	8260B	
240-26413-36	WG-12616-062813-DN-36	Total/NA	Water	8260B	
240-26413-37	WG-12616-062813-DN-37	Total/NA	Water	8260B	
240-26413-38	WG-12616-062813-DN-38	Total/NA	Water	8260B	
240-26413-40	WG-12616-062813-DN-40	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 92874 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26413-41	WG-12616-062913-DN-41	Total/NA	Water	8260B	
LCS 240-92874/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-92874/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 92969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26413-25	WG-12616-062713-DN-25	Total/NA	Water	8260B	
240-26413-30	WG-12616-062713-DN-30	Total/NA	Water	8260B	
240-26413-31	WG-12616-062713-DN-31	Total/NA	Water	8260B	
240-26413-39	WG-12616-062813-DN-39	Total/NA	Water	8260B	
240-26413-39 MS	WG-12616-062813-DN-39	Total/NA	Water	8260B	
240-26413-39 MSD	WG-12616-062813-DN-39	Total/NA	Water	8260B	
240-26413-46	RB-12616-062913-DN-46	Total/NA	Water	8260B	
LCS 240-92969/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-92969/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 93295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26413-42	WG-12616-062913-DN-42	Total/NA	Water	8260B	
240-26413-43	WG-12616-062913-DN-43	Total/NA	Water	8260B	
240-26413-44	WG-12616-062913-DN-44	Total/NA	Water	8260B	
240-26413-45	WG-12616-062913-DN-45	Total/NA	Water	8260B	
LCS 240-93295/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-93295/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062413-DN-01 — Lab Sample ID: 240-26413-1

Date Collected: 06/24/13 07:45 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 17:34	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-02 — Lab Sample ID: 240-26413-2

Date Collected: 06/24/13 08:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 17:56	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-03 — Lab Sample ID: 240-26413-3

Date Collected: 06/24/13 10:05 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 18:19	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-04 — Lab Sample ID: 240-26413-4

Date Collected: 06/24/13 11:05 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 18:42	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-05 — Lab Sample ID: 240-26413-5

Date Collected: 06/24/13 13:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 19:05	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-06 — Lab Sample ID: 240-26413-6

Date Collected: 06/24/13 13:55 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 19:27	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-07 — **Lab Sample ID: 240-26413-7**
Date Collected: 06/24/13 15:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 19:49	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-08 — **Lab Sample ID: 240-26413-8**
Date Collected: 06/24/13 16:30 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92696	07/05/13 20:12	RJQ	TAL CAN

Client Sample ID: WG-12616-062413-DN-09 — **Lab Sample ID: 240-26413-9**
Date Collected: 06/24/13 17:55 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 13:21	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-10 — **Lab Sample ID: 240-26413-10**
Date Collected: 06/25/13 06:55 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 14:07	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-11 — **Lab Sample ID: 240-26413-11**
Date Collected: 06/25/13 07:45 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 14:31	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-12 — **Lab Sample ID: 240-26413-12**
Date Collected: 06/25/13 08:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 14:54	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-13 — **Lab Sample ID: 240-26413-13**
Date Collected: 06/25/13 13:15 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 15:18	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-14 — **Lab Sample ID: 240-26413-14**
Date Collected: 06/25/13 14:35 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 16:53	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-15 — **Lab Sample ID: 240-26413-15**
Date Collected: 06/25/13 15:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 17:17	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-16 — **Lab Sample ID: 240-26413-16**
Date Collected: 06/25/13 17:05 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 17:41	LEE	TAL CAN

Client Sample ID: WG-12616-062513-DN-17 — **Lab Sample ID: 240-26413-17**
Date Collected: 06/25/13 18:10 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 18:05	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-18 — **Lab Sample ID: 240-26413-18**
Date Collected: 06/26/13 06:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/08/13 23:59	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-19 — **Lab Sample ID: 240-26413-19**
Date Collected: 06/26/13 08:15 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 00:23	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-20 — **Lab Sample ID: 240-26413-20**
Date Collected: 06/26/13 13:05 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 00:46	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-21 — **Lab Sample ID: 240-26413-21**
Date Collected: 06/26/13 14:15 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 01:10	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-22 — **Lab Sample ID: 240-26413-22**
Date Collected: 06/26/13 15:25 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 01:33	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-23 — **Lab Sample ID: 240-26413-23**
Date Collected: 06/26/13 16:35 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 01:57	LEE	TAL CAN

Client Sample ID: WG-12616-062613-DN-24 — **Lab Sample ID: 240-26413-24**
Date Collected: 06/26/13 17:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 02:21	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-25 — **Lab Sample ID: 240-26413-25**
Date Collected: 06/27/13 07:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	92969	07/09/13 18:54	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-26 — **Lab Sample ID: 240-26413-26**
Date Collected: 06/27/13 08:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 02:44	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-27 — **Lab Sample ID: 240-26413-27**
Date Collected: 06/27/13 10:45 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 03:07	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-28 — **Lab Sample ID: 240-26413-28**
Date Collected: 06/27/13 13:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 03:31	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-29 — **Lab Sample ID: 240-26413-29**
Date Collected: 06/27/13 15:10 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 03:54	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-30 — **Lab Sample ID: 240-26413-30**
Date Collected: 06/27/13 16:30 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	92969	07/09/13 19:17	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-31 — **Lab Sample ID: 240-26413-31**
Date Collected: 06/27/13 17:40 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	92969	07/09/13 19:41	LEE	TAL CAN

Client Sample ID: WG-12616-062713-DN-32 — **Lab Sample ID: 240-26413-32**
Date Collected: 06/27/13 17:55 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 04:18	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-33 — **Lab Sample ID: 240-26413-33**
Date Collected: 06/28/13 07:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 04:42	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-34 — **Lab Sample ID: 240-26413-34**
Date Collected: 06/28/13 08:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 05:05	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-35 — **Lab Sample ID: 240-26413-35**
Date Collected: 06/28/13 10:20 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 05:29	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-36 — **Lab Sample ID: 240-26413-36**
Date Collected: 06/28/13 11:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 05:52	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-37 — **Lab Sample ID: 240-26413-37**
Date Collected: 06/28/13 13:15 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 06:14	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-38 — **Lab Sample ID: 240-26413-38**
Date Collected: 06/28/13 14:35 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 06:38	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-39 — **Lab Sample ID: 240-26413-39**
Date Collected: 06/28/13 15:55 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92969	07/09/13 20:05	LEE	TAL CAN

Client Sample ID: WG-12616-062813-DN-40 — **Lab Sample ID: 240-26413-40**
Date Collected: 06/28/13 17:05 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 07:02	LEE	TAL CAN

Client Sample ID: WG-12616-062913-DN-41 — **Lab Sample ID: 240-26413-41**
Date Collected: 06/29/13 09:50 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92874	07/09/13 07:25	LEE	TAL CAN

Client Sample ID: WG-12616-062913-DN-42 — **Lab Sample ID: 240-26413-42**
Date Collected: 06/29/13 11:00 — **Matrix: Water**
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	93295	07/11/13 17:17	LEE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Client Sample ID: WG-12616-062913-DN-43

Lab Sample ID: 240-26413-43

Date Collected: 06/29/13 12:20
Matrix: Water
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		3.33	93295	07/11/13 17:41	LEE	TAL CAN

Client Sample ID: WG-12616-062913-DN-44

Lab Sample ID: 240-26413-44

Date Collected: 06/29/13 13:40
Matrix: Water
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	93295	07/11/13 18:03	LEE	TAL CAN

Client Sample ID: WG-12616-062913-DN-45

Lab Sample ID: 240-26413-45

Date Collected: 06/29/13 14:45
Matrix: Water
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	93295	07/11/13 18:27	LEE	TAL CAN

Client Sample ID: RB-12616-062913-DN-46

Lab Sample ID: 240-26413-46

Date Collected: 06/29/13 15:10
Matrix: Water
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92969	07/09/13 20:28	LEE	TAL CAN

Client Sample ID: TB-12616-001

Lab Sample ID: 240-26413-47

Date Collected: 06/24/13 00:00
Matrix: Water
Date Received: 07/02/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	92808	07/08/13 13:43	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26413-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13 *
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-13

* Expired certification is currently pending renewal and is considered valid.

Chain of Custody Record

240-26413 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

64551

TAL-4149 (1007)

Client	Project Manager	Date	Page / of
CRA	A. LaVine	7/1/13	1 of 3

Address	Telephone Number (Area Code)/Fax Number	Lab Location
1805 E. Perkins	419-609-1339	N. Canton, OH

City	State	Zip Code	Site Contact
Sandusky	OH	44870	D. Newton

Project Number/Name	Carrier/Waybill Number
12616-TO2-ELYRIA	

Contract/Purchase Order/Quote Number

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: VOCs
wb-12616-062413-DN-01	6.24.13	0745	WATER	40ml		3	HCl		X
02		0850							X
03		1005							X
04		1105							X
05		1320							X
06		1355							X
07		1520							X
08		1630							X
09		1755							X
wb-12616-062513-DN-10	6.25.13	0655							X
11		0745							X
12		0820							X
13		1315							X
14		1435							X
15		1550							X
16		1705							X

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7/1/13	1730	1. Received By: [signature]	7-2-13	920
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

64550

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 2 of 3
CRA	A. LaVine	7-1-13	
Address 1805 E. Perkins	**Telephone Number (Area Code)/Fax Number** 419-609-1339	**Lab Location** N. Canton, OH	**Analysis**
City Sandusky / **State** OH / **Zip Code** 44870	**Site Contact** D. Newton		
Project Number/Name Elyria - 12616-T02	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	VOCs
WG-12616-062513-DN-17	6-25-13	1810	WATER	40 ml		3			X
WG-12616-062613-DN-18	6-26-13	0850				3			X
19		0815				3			X
20*		1305				9		*MS/MSD	X
21		1415				3			X
22		1525				3			X
23		1635				3			X
24		1750				3			X
WG-12616-062713-DN-25	6-27-13	0720				3			X
26		0850				3			X
27		1045				3			X
28		1320				3			X
29		1510				3			X
30		1630				3			X
31		1740				3			X
32		1755				3			X

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7-1-13	1730	1. Received By:	7-2-13	920
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

64553

TAL-4149 (1007)

Client	Project Manager	Date	Page 3 of 3
CRA	A. LaVine	7-1-13	
Address 1805 E. Perkins	**Telephone Number (Area Code)/Fax Number** 419-609-1339	**Lab Location** N. Canton, OH	**Analysis**
City Sandusky **State** OH **Zip Code** 44870	**Site Contact** D. Newton		
Project Number/Name Elyria - 12616 - T02	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	VOCs
WG-12616-062813-DN-33	6-28-13	0720	WATER	40 ml		3	HCl		X
34		0850				3			X
35		1020				3			X
36		1150				3			X
37		1315				3			X
38		1435				3			X
39*		1555				9		* MS/MSD	X
40		1705				3			X
WG-12616-062913-DN-41	6-29-13	0950				3			X
42		1000				3			X
43		~~1220~~ (1226)				3			X
44		~~1340~~				3			X
45		1445				3			X
RB-12616-062913-DN-46		1510				3		Rinse Blank	X
TB-12616-001	—	—	—			—		Trip Blank	X

Special Instructions: * END OF BATCH *

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7/1/13	1730	1. Received By:	7-2-13	920
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 26413**
Canton Facility

Client CEA Site Name _____ Cooler unpacked by:

Cooler Received on 7-2-13 Opened on 7-2-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # 3865 Foam Box ~~Client Cooler~~ Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF –1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 4	(CF 0 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	☐ See Multiple Cooler Form
IR GUN# 5	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. 1.5 °C	Corrected Cooler Temp. 1.5 °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	(No)
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No	(NA)
-Were custody seals on the bottle(s)?	Yes	(No)
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
7. Could all bottle labels be reconciled with the COC?	(Yes)	No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
9. Sufficient quantity received to perform indicated analyses?	(Yes)	No
10. Were sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# HC376062
11. Were VOAs on the COC?	(Yes)	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	(No) NA
13. Was a trip blank present in the cooler(s)?	(Yes)	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-26831-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
7/29/2013 1:00:06 PM

Denise Heckler, Project Manager II
denise.heckler@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-26831-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-26831-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 07/13/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.4 C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample S-12616-071113-DN-22 (240-26831-22) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 07/13/2013 and analyzed on 07/24/2013.

Acetone, Methylene Chloride, Toluene and Trichloroethene were detected in method blank MB 240-93590/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Sample S-12616-071113-DN-22 (240-26831-22)[33.33X] required dilution prior to analysis. The reporting limits have been adjusted accordingly. The surrogates are considered diluted out.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Job ID: 240-26831-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

TOTAL METALS (ICP)

Samples were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 07/16/2013 and analyzed on 07/17/2013, 07/18/2013 and 07/19/2013.

Manganese failed the recovery criteria low for the MS/MSD of sample S-12616-071113-DN-19 (240-26831-19) in batch 240-94368. Nickel, Copper and Zinc failed the recovery criteria high.

Several samples required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-26831-1	S-12616-070913-DN-01	Solid	07/09/13 10:15	07/13/13 10:10
240-26831-2	S-12616-070913-DN-02	Solid	07/09/13 10:50	07/13/13 10:10
240-26831-3	S-12616-070913-DN-03	Solid	07/09/13 13:20	07/13/13 10:10
240-26831-4	S-12616-070913-DN-04	Solid	07/09/13 13:45	07/13/13 10:10
240-26831-5	S-12616-070913-DN-05	Solid	07/09/13 14:20	07/13/13 10:10
240-26831-6	S-12616-070913-DN-06	Solid	07/09/13 14:30	07/13/13 10:10
240-26831-7	S-12616-070913-DN-07	Solid	07/09/13 15:00	07/13/13 10:10
240-26831-8	S-12616-070913-DN-08	Solid	07/09/13 15:40	07/13/13 10:10
240-26831-9	S-12616-071013-DN-09	Solid	07/10/13 09:20	07/13/13 10:10
240-26831-10	S-12616-071013-DN-10	Solid	07/10/13 10:15	07/13/13 10:10
240-26831-11	S-12616-071013-DN-11	Solid	07/10/13 11:20	07/13/13 10:10
240-26831-12	S-12616-071013-DN-12	Solid	07/10/13 12:05	07/13/13 10:10
240-26831-13	S-12616-071013-DN-13	Solid	07/10/13 12:50	07/13/13 10:10
240-26831-14	S-12616-071113-DN-14	Solid	07/11/13 09:45	07/13/13 10:10
240-26831-15	S-12616-071113-DN-15	Solid	07/11/13 10:40	07/13/13 10:10
240-26831-16	S-12616-071113-DN-16	Solid	07/11/13 11:50	07/13/13 10:10
240-26831-17	S-12616-071113-DN-17	Solid	07/11/13 12:00	07/13/13 10:10
240-26831-18	S-12616-071113-DN-18	Solid	07/11/13 12:45	07/13/13 10:10
240-26831-19	S-12616-071113-DN-19	Solid	07/11/13 13:45	07/13/13 10:10
240-26831-20	S-12616-071113-DN-20	Solid	07/11/13 14:10	07/13/13 10:10
240-26831-21	S-12616-071113-DN-21	Solid	07/11/13 14:30	07/13/13 10:10
240-26831-22	S-12616-071113-DN-22	Solid	07/11/13 14:50	07/13/13 10:10
240-26831-23	S-12616-071113-DN-23	Solid	07/11/13 15:30	07/13/13 10:10
240-26831-24	S-12616-071213-DN-24	Solid	07/12/13 09:20	07/13/13 10:10
240-26831-25	S-12616-071213-DN-25	Solid	07/12/13 09:45	07/13/13 10:10
240-26831-26	S-12616-071213-DN-26	Solid	07/12/13 10:20	07/13/13 10:10
240-26831-27	S-12616-071213-DN-27	Solid	07/12/13 10:45	07/13/13 10:10
240-26831-28	S-12616-071213-DN-28	Solid	07/12/13 11:25	07/13/13 10:10
240-26831-29	S-12616-071213-DN-29	Solid	07/12/13 11:50	07/13/13 10:10
240-26831-30	S-12616-071213-DN-30	Solid	07/12/13 12:30	07/13/13 10:10
240-26831-31	S-12616-071213-DN-31	Solid	07/12/13 12:40	07/13/13 10:10
240-26831-32	S-12616-071213-DN-32	Solid	07/12/13 12:50	07/13/13 10:10
240-26831-33	S-12616-071213-DN-33	Solid	07/12/13 14:00	07/13/13 10:10
240-26831-34	S-12616-071213-DN-34	Solid	07/12/13 14:40	07/13/13 10:10
240-26831-35	S-12616-071213-DN-35	Solid	07/12/13 15:10	07/13/13 10:10

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-01 — Lab Sample ID: 240-26831-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	17		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	190		2.5	0.73	mg/Kg	1	☼	6010B	Total/NA
Manganese	580		1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	340		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	210		2.0	0.99	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-070913-DN-02 — Lab Sample ID: 240-26831-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	16		4.6	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	420		2.3	0.68	mg/Kg	1	☼	6010B	Total/NA
Manganese	400		1.4	0.068	mg/Kg	1	☼	6010B	Total/NA
Nickel	690		3.7	0.25	mg/Kg	1	☼	6010B	Total/NA
Zinc	350		1.8	0.92	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-070913-DN-03 — Lab Sample ID: 240-26831-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	20	J	32	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	2200		16	4.7	mg/Kg	5	☼	6010B	Total/NA
Manganese	460		9.6	0.47	mg/Kg	5	☼	6010B	Total/NA
Nickel	4100		26	1.7	mg/Kg	5	☼	6010B	Total/NA
Zinc	1500		13	6.4	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-070913-DN-04 — Lab Sample ID: 240-26831-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	16		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	390		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Manganese	270		1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	940		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	390		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-070913-DN-05 — Lab Sample ID: 240-26831-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	43	J	1200	39	mg/Kg	100	☼	6010B	Total/NA
Copper	13000		610	180	mg/Kg	100	☼	6010B	Total/NA
Manganese	180	J	360	18	mg/Kg	100	☼	6010B	Total/NA
Nickel	26000		970	66	mg/Kg	100	☼	6010B	Total/NA
Zinc	9400		490	240	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-070913-DN-06 — Lab Sample ID: 240-26831-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	6000		430	130	mg/Kg	100	☼	6010B	Total/NA
Manganese	450		260	13	mg/Kg	100	☼	6010B	Total/NA
Nickel	12000		690	46	mg/Kg	100	☼	6010B	Total/NA
Zinc	4500		340	170	mg/Kg	100	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-07 — Lab Sample ID: 240-26831-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	42	J	1200	38	mg/Kg	100	☼	6010B	Total/NA
Copper	13000		600	180	mg/Kg	100	☼	6010B	Total/NA
Manganese	300	J	360	18	mg/Kg	100	☼	6010B	Total/NA
Nickel	23000		950	64	mg/Kg	100	☼	6010B	Total/NA
Zinc	8800		480	240	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-070913-DN-08 — Lab Sample ID: 240-26831-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	19000		900	270	mg/Kg	100	☼	6010B	Total/NA
Manganese	510	J	540	27	mg/Kg	100	☼	6010B	Total/NA
Nickel	34000		1400	98	mg/Kg	100	☼	6010B	Total/NA
Zinc	9600		720	360	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071013-DN-09 — Lab Sample ID: 240-26831-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.6		6.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	280		3.1	0.92	mg/Kg	1	☼	6010B	Total/NA
Manganese	150		1.9	0.092	mg/Kg	1	☼	6010B	Total/NA
Nickel	600		5.0	0.34	mg/Kg	1	☼	6010B	Total/NA
Zinc	400		2.5	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071013-DN-10 — Lab Sample ID: 240-26831-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	48		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	380		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	75		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	85		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071013-DN-11 — Lab Sample ID: 240-26831-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	19	J	33	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	2800		16	4.9	mg/Kg	5	☼	6010B	Total/NA
Manganese	460		9.8	0.49	mg/Kg	5	☼	6010B	Total/NA
Nickel	4800		26	1.8	mg/Kg	5	☼	6010B	Total/NA
Zinc	1900		13	6.6	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071013-DN-12 — Lab Sample ID: 240-26831-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	19	J	30	0.97	mg/Kg	5	☼	6010B	Total/NA
Copper	2500		15	4.5	mg/Kg	5	☼	6010B	Total/NA
Manganese	500		9.1	0.45	mg/Kg	5	☼	6010B	Total/NA
Nickel	4600		24	1.6	mg/Kg	5	☼	6010B	Total/NA
Zinc	1900		12	6.0	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071013-DN-13 — Lab Sample ID: 240-26831-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	48	J	1200	39	mg/Kg	100	☼	6010B	Total/NA
Copper	14000		620	180	mg/Kg	100	☼	6010B	Total/NA
Manganese	340	J	370	18	mg/Kg	100	☼	6010B	Total/NA
Nickel	23000		990	67	mg/Kg	100	☼	6010B	Total/NA
Zinc	10000		490	250	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-14 — Lab Sample ID: 240-26831-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.8		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	1000		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Manganese	590		1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Nickel	310		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	1900		11	5.6	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-15 — Lab Sample ID: 240-26831-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.99	J	5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	220		26	7.7	mg/Kg	10	☼	6010B	Total/NA
Manganese	1300		1.6	0.077	mg/Kg	1	☼	6010B	Total/NA
Nickel	44		4.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	250		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-16 — Lab Sample ID: 240-26831-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	11000		29	8.6	mg/Kg	10	☼	6010B	Total/NA
Manganese	460		1.8	0.086	mg/Kg	1	☼	6010B	Total/NA
Nickel	2000		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	9400		23	12	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-17 — Lab Sample ID: 240-26831-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	17	J	29	0.92	mg/Kg	5	☼	6010B	Total/NA
Copper	21000		72	21	mg/Kg	25	☼	6010B	Total/NA
Manganese	1700		8.6	0.42	mg/Kg	5	☼	6010B	Total/NA
Nickel	4200		23	1.5	mg/Kg	5	☼	6010B	Total/NA
Zinc	17000		57	29	mg/Kg	25	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-18 — Lab Sample ID: 240-26831-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13	J	26	0.85	mg/Kg	5	☼	6010B	Total/NA
Copper	21000		66	20	mg/Kg	25	☼	6010B	Total/NA
Manganese	520		7.9	0.39	mg/Kg	5	☼	6010B	Total/NA
Nickel	4100		21	1.4	mg/Kg	5	☼	6010B	Total/NA
Zinc	17000		53	26	mg/Kg	25	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-19 — Lab Sample ID: 240-26831-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	17	J	33	1.0	mg/Kg	5	☼	6010B	Total/NA
Copper	27000		65	19	mg/Kg	20	☼	6010B	Total/NA
Manganese	2500		9.8	0.48	mg/Kg	5	☼	6010B	Total/NA
Nickel	3400		26	1.8	mg/Kg	5	☼	6010B	Total/NA
Zinc	29000		130	65	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-20 — Lab Sample ID: 240-26831-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	6100		56	17	mg/Kg	20	☼	6010B	Total/NA
Manganese	400		1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Nickel	1200		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	6400		45	22	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-21 — Lab Sample ID: 240-26831-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11	J	26	0.84	mg/Kg	5	☼	6010B	Total/NA
Copper	7300		13	3.9	mg/Kg	5	☼	6010B	Total/NA
Manganese	870		7.8	0.39	mg/Kg	5	☼	6010B	Total/NA
Nickel	1400		21	1.4	mg/Kg	5	☼	6010B	Total/NA
Zinc	6600		42	21	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-22 — Lab Sample ID: 240-26831-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	63000	J B	70000	12000	ug/Kg	33.333	☼	8260B	Total/NA
Ethylbenzene	230000		17000	380	ug/Kg	33.333	☼	8260B	Total/NA
Methylene Chloride	23000	B	17000	5400	ug/Kg	33.333	☼	8260B	Total/NA
Toluene	160000	B	17000	1200	ug/Kg	33.333	☼	8260B	Total/NA
Xylenes, Total	1500000		35000	560	ug/Kg	33.333	☼	8260B	Total/NA
Isopropylbenzene	23000		17000	450	ug/Kg	33.333	☼	8260B	Total/NA
Methylcyclohexane	8500	J	35000	840	ug/Kg	33.333	☼	8260B	Total/NA
Copper	28000		380	110	mg/Kg	100	☼	6010B	Total/NA
Manganese	230		230	11	mg/Kg	100	☼	6010B	Total/NA
Nickel	3400		610	41	mg/Kg	100	☼	6010B	Total/NA
Zinc	27000		300	150	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071113-DN-23 — Lab Sample ID: 240-26831-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.3		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	100		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	690		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	80		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	230		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-24 — Lab Sample ID: 240-26831-24

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-12616-071213-DN-24 (Continued) — Lab Sample ID: 240-26831-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.0	J	5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	8.7		2.6	0.77	mg/Kg	1	☼	6010B	Total/NA
Manganese	340		1.6	0.077	mg/Kg	1	☼	6010B	Total/NA
Nickel	11		4.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	40		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-25 — Lab Sample ID: 240-26831-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	17	J	29	0.94	mg/Kg	5	☼	6010B	Total/NA
Copper	23000		59	17	mg/Kg	20	☼	6010B	Total/NA
Manganese	830		8.8	0.43	mg/Kg	5	☼	6010B	Total/NA
Nickel	5600		23	1.6	mg/Kg	5	☼	6010B	Total/NA
Zinc	18000		47	23	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-26 — Lab Sample ID: 240-26831-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		6.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	27000		62	18	mg/Kg	20	☼	6010B	Total/NA
Manganese	470		1.9	0.092	mg/Kg	1	☼	6010B	Total/NA
Nickel	3000		5.0	0.34	mg/Kg	1	☼	6010B	Total/NA
Zinc	30000		120	62	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-27 — Lab Sample ID: 240-26831-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.2	J	6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	40		3.0	0.89	mg/Kg	1	☼	6010B	Total/NA
Manganese	100		1.8	0.089	mg/Kg	1	☼	6010B	Total/NA
Nickel	15		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	69		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-28 — Lab Sample ID: 240-26831-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	15	J	28	0.91	mg/Kg	5	☼	6010B	Total/NA
Copper	42000		57	17	mg/Kg	20	☼	6010B	Total/NA
Manganese	380		8.5	0.42	mg/Kg	5	☼	6010B	Total/NA
Nickel	3800		23	1.5	mg/Kg	5	☼	6010B	Total/NA
Zinc	30000		110	57	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-29 — Lab Sample ID: 240-26831-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.4		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	1200		2.7	0.79	mg/Kg	1	☼	6010B	Total/NA
Manganese	870		1.6	0.079	mg/Kg	1	☼	6010B	Total/NA
Nickel	340		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	1500		11	5.4	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-30 — Lab Sample ID: 240-26831-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	20		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	28		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Manganese	1000		1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Nickel	47		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	80		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-31 — Lab Sample ID: 240-26831-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	490		3.0	0.89	mg/Kg	1	☼	6010B	Total/NA
Manganese	1600		1.8	0.089	mg/Kg	1	☼	6010B	Total/NA
Nickel	500		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	2400		12	6.0	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-32 — Lab Sample ID: 240-26831-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	17		2.5	0.75	mg/Kg	1	☼	6010B	Total/NA
Manganese	830		1.5	0.075	mg/Kg	1	☼	6010B	Total/NA
Nickel	24		4.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	50		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-33 — Lab Sample ID: 240-26831-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	1400		2.6	0.77	mg/Kg	1	☼	6010B	Total/NA
Manganese	340		1.6	0.077	mg/Kg	1	☼	6010B	Total/NA
Nickel	390		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	1600		10	5.2	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-34 — Lab Sample ID: 240-26831-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.3		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	510		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Manganese	1600		1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	210		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	670		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071213-DN-35 — Lab Sample ID: 240-26831-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	10		4.7	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	5000		24	7.0	mg/Kg	10	☼	6010B	Total/NA
Manganese	370		1.4	0.070	mg/Kg	1	☼	6010B	Total/NA
Nickel	1300		3.8	0.26	mg/Kg	1	☼	6010B	Total/NA
Zinc	3900		19	9.5	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-01
Date Collected: 07/09/13 10:15
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-1
Matrix: Solid
Percent Solids: 76.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	17		5.0	0.16	mg/Kg	☼	07/16/13 09:26	07/17/13 16:34	1
Copper	190		2.5	0.73	mg/Kg	☼	07/16/13 09:26	07/17/13 16:34	1
Manganese	580		1.5	0.073	mg/Kg	☼	07/16/13 09:26	07/17/13 16:34	1
Nickel	340		4.0	0.27	mg/Kg	☼	07/16/13 09:26	07/17/13 16:34	1
Zinc	210		2.0	0.99	mg/Kg	☼	07/16/13 09:26	07/17/13 16:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-02
Date Collected: 07/09/13 10:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-2
Matrix: Solid
Percent Solids: 81.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	16		4.6	0.15	mg/Kg	☼	07/16/13 09:26	07/17/13 16:38	1
Copper	420		2.3	0.68	mg/Kg	☼	07/16/13 09:26	07/17/13 16:38	1
Manganese	400		1.4	0.068	mg/Kg	☼	07/16/13 09:26	07/17/13 16:38	1
Nickel	690		3.7	0.25	mg/Kg	☼	07/16/13 09:26	07/17/13 16:38	1
Zinc	350		1.8	0.92	mg/Kg	☼	07/16/13 09:26	07/17/13 16:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-03
Date Collected: 07/09/13 13:20
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-3
Matrix: Solid
Percent Solids: 74.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	20	J	32	1.0	mg/Kg	☼	07/16/13 09:26	07/17/13 16:46	5
Copper	2200		16	4.7	mg/Kg	☼	07/16/13 09:26	07/17/13 16:46	5
Manganese	460		9.6	0.47	mg/Kg	☼	07/16/13 09:26	07/17/13 16:46	5
Nickel	4100		26	1.7	mg/Kg	☼	07/16/13 09:26	07/17/13 16:46	5
Zinc	1500		13	6.4	mg/Kg	☼	07/16/13 09:26	07/17/13 16:46	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-04
Lab Sample ID: 240-26831-4
Date Collected: 07/09/13 13:45
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 75.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	16		5.9	0.19	mg/Kg	☼	07/16/13 09:26	07/17/13 16:54	1
Copper	390		3.0	0.88	mg/Kg	☼	07/16/13 09:26	07/17/13 16:54	1
Manganese	270		1.8	0.088	mg/Kg	☼	07/16/13 09:26	07/17/13 16:54	1
Nickel	940		4.8	0.32	mg/Kg	☼	07/16/13 09:26	07/17/13 16:54	1
Zinc	390		2.4	1.2	mg/Kg	☼	07/16/13 09:26	07/17/13 16:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-05
Date Collected: 07/09/13 14:20
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-5
Matrix: Solid
Percent Solids: 38.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	43	J	1200	39	mg/Kg	☼	07/16/13 09:26	07/17/13 17:10	100
Copper	13000		610	180	mg/Kg	☼	07/16/13 09:26	07/17/13 17:10	100
Manganese	180	J	360	18	mg/Kg	☼	07/16/13 09:26	07/17/13 17:10	100
Nickel	26000		970	66	mg/Kg	☼	07/16/13 09:26	07/17/13 17:10	100
Zinc	9400		490	240	mg/Kg	☼	07/16/13 09:26	07/17/13 17:10	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-06
Lab Sample ID: 240-26831-6
Date Collected: 07/09/13 14:30
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 53.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	860	U	860	27	mg/Kg	☼	07/16/13 09:26	07/17/13 17:14	100
Copper	**6000**		430	130	mg/Kg	☼	07/16/13 09:26	07/17/13 17:14	100
Manganese	**450**		260	13	mg/Kg	☼	07/16/13 09:26	07/17/13 17:14	100
Nickel	**12000**		690	46	mg/Kg	☼	07/16/13 09:26	07/17/13 17:14	100
Zinc	**4500**		340	170	mg/Kg	☼	07/16/13 09:26	07/17/13 17:14	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-07
Date Collected: 07/09/13 15:00
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-7
Matrix: Solid
Percent Solids: 40.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	42	J	1200	38	mg/Kg	☼	07/16/13 09:26	07/17/13 17:18	100
Copper	13000		600	180	mg/Kg	☼	07/16/13 09:26	07/17/13 17:18	100
Manganese	300	J	360	18	mg/Kg	☼	07/16/13 09:26	07/17/13 17:18	100
Nickel	23000		950	64	mg/Kg	☼	07/16/13 09:26	07/17/13 17:18	100
Zinc	8800		480	240	mg/Kg	☼	07/16/13 09:26	07/17/13 17:18	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-08
Date Collected: 07/09/13 15:40
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-8
Matrix: Solid
Percent Solids: 27.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1800	U	1800	58	mg/Kg	☼	07/16/13 09:26	07/17/13 17:22	100
Copper	**19000**		900	270	mg/Kg	☼	07/16/13 09:26	07/17/13 17:22	100
Manganese	**510**	**J**	540	27	mg/Kg	☼	07/16/13 09:26	07/17/13 17:22	100
Nickel	**34000**		1400	98	mg/Kg	☼	07/16/13 09:26	07/17/13 17:22	100
Zinc	**9600**		720	360	mg/Kg	☼	07/16/13 09:26	07/17/13 17:22	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071013-DN-09
Lab Sample ID: 240-26831-9
Date Collected: 07/10/13 09:20
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 76.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.6		6.2	0.20	mg/Kg	☼	07/16/13 09:26	07/17/13 17:26	1
Copper	280		3.1	0.92	mg/Kg	☼	07/16/13 09:26	07/17/13 17:26	1
Manganese	150		1.9	0.092	mg/Kg	☼	07/16/13 09:26	07/17/13 17:26	1
Nickel	600		5.0	0.34	mg/Kg	☼	07/16/13 09:26	07/17/13 17:26	1
Zinc	400		2.5	1.2	mg/Kg	☼	07/16/13 09:26	07/17/13 17:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071013-DN-10
Date Collected: 07/10/13 10:15
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-10
Matrix: Solid
Percent Solids: 81.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.0	0.16	mg/Kg	☼	07/16/13 09:26	07/17/13 17:30	1
Copper	48		2.5	0.74	mg/Kg	☼	07/16/13 09:26	07/17/13 17:30	1
Manganese	380		1.5	0.074	mg/Kg	☼	07/16/13 09:26	07/17/13 17:30	1
Nickel	75		4.0	0.27	mg/Kg	☼	07/16/13 09:26	07/17/13 17:30	1
Zinc	85		2.0	1.0	mg/Kg	☼	07/16/13 09:26	07/17/13 17:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071013-DN-11
Date Collected: 07/10/13 11:20
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-11
Matrix: Solid
Percent Solids: 62.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	19	J	33	1.0	mg/Kg	☼	07/16/13 09:26	07/17/13 17:35	5
Copper	2800		16	4.9	mg/Kg	☼	07/16/13 09:26	07/17/13 17:35	5
Manganese	460		9.8	0.49	mg/Kg	☼	07/16/13 09:26	07/17/13 17:35	5
Nickel	4800		26	1.8	mg/Kg	☼	07/16/13 09:26	07/17/13 17:35	5
Zinc	1900		13	6.6	mg/Kg	☼	07/16/13 09:26	07/17/13 17:35	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071013-DN-12
Date Collected: 07/10/13 12:05
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-12
Matrix: Solid
Percent Solids: 73.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	19	J	30	0.97	mg/Kg	☼	07/16/13 09:26	07/17/13 17:43	5
Copper	2500		15	4.5	mg/Kg	☼	07/16/13 09:26	07/17/13 17:43	5
Manganese	500		9.1	0.45	mg/Kg	☼	07/16/13 09:26	07/17/13 17:43	5
Nickel	4600		24	1.6	mg/Kg	☼	07/16/13 09:26	07/17/13 17:43	5
Zinc	1900		12	6.0	mg/Kg	☼	07/16/13 09:26	07/17/13 17:43	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071013-DN-13
Date Collected: 07/10/13 12:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-13
Matrix: Solid
Percent Solids: 36.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	48	J	1200	39	mg/Kg	☼	07/16/13 09:26	07/17/13 17:59	100
Copper	14000		620	180	mg/Kg	☼	07/16/13 09:26	07/17/13 17:59	100
Manganese	340	J	370	18	mg/Kg	☼	07/16/13 09:26	07/17/13 17:59	100
Nickel	23000		990	67	mg/Kg	☼	07/16/13 09:26	07/17/13 17:59	100
Zinc	10000		490	250	mg/Kg	☼	07/16/13 09:26	07/17/13 17:59	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-14
Date Collected: 07/11/13 09:45
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-14
Matrix: Solid
Percent Solids: 81.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.8		5.6	0.18	mg/Kg	☼	07/16/13 09:26	07/17/13 18:03	1
Copper	1000		2.8	0.83	mg/Kg	☼	07/16/13 09:26	07/17/13 18:03	1
Manganese	590		1.7	0.083	mg/Kg	☼	07/16/13 09:26	07/17/13 18:03	1
Nickel	310		4.5	0.30	mg/Kg	☼	07/16/13 09:26	07/17/13 18:03	1
Zinc	1900		11	5.6	mg/Kg	☼	07/16/13 09:26	07/18/13 18:57	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-15
Date Collected: 07/11/13 10:40
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-15
Matrix: Solid
Percent Solids: 80.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.99	J	5.2	0.17	mg/Kg	☼	07/16/13 09:26	07/17/13 18:07	1
Copper	220		26	7.7	mg/Kg	☼	07/16/13 09:26	07/18/13 19:01	10
Manganese	1300		1.6	0.077	mg/Kg	☼	07/16/13 09:26	07/17/13 18:07	1
Nickel	44		4.2	0.28	mg/Kg	☼	07/16/13 09:26	07/17/13 18:07	1
Zinc	250		2.1	1.0	mg/Kg	☼	07/16/13 09:26	07/17/13 18:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-16
Date Collected: 07/11/13 11:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-16
Matrix: Solid
Percent Solids: 77.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		5.8	0.19	mg/Kg	☼	07/16/13 09:26	07/17/13 18:11	1
Copper	11000		29	8.6	mg/Kg	☼	07/16/13 09:26	07/18/13 19:05	10
Manganese	460		1.8	0.086	mg/Kg	☼	07/16/13 09:26	07/17/13 18:11	1
Nickel	2000		4.7	0.32	mg/Kg	☼	07/16/13 09:26	07/17/13 18:11	1
Zinc	9400		23	12	mg/Kg	☼	07/16/13 09:26	07/18/13 19:05	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-17
Date Collected: 07/11/13 12:00
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-17
Matrix: Solid
Percent Solids: 76.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	17	J	29	0.92	mg/Kg	☼	07/16/13 09:26	07/17/13 18:15	5
Copper	21000		72	21	mg/Kg	☼	07/16/13 09:26	07/17/13 18:20	25
Manganese	1700		8.6	0.42	mg/Kg	☼	07/16/13 09:26	07/17/13 18:15	5
Nickel	4200		23	1.5	mg/Kg	☼	07/16/13 09:26	07/17/13 18:15	5
Zinc	17000		57	29	mg/Kg	☼	07/16/13 09:26	07/17/13 18:20	25

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-18
Date Collected: 07/11/13 12:45
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-18
Matrix: Solid
Percent Solids: 76.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13	J	26	0.85	mg/Kg	☼	07/16/13 09:26	07/17/13 18:23	5
Copper	21000		66	20	mg/Kg	☼	07/16/13 09:26	07/17/13 18:28	25
Manganese	520		7.9	0.39	mg/Kg	☼	07/16/13 09:26	07/17/13 18:23	5
Nickel	4100		21	1.4	mg/Kg	☼	07/16/13 09:26	07/17/13 18:23	5
Zinc	17000		53	26	mg/Kg	☼	07/16/13 09:26	07/17/13 18:28	25

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-19
Date Collected: 07/11/13 13:45
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-19
Matrix: Solid
Percent Solids: 71.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	17	J	33	1.0	mg/Kg	☼	07/16/13 10:45	07/17/13 18:51	5
Copper	27000		65	19	mg/Kg	☼	07/16/13 10:45	07/18/13 19:09	20
Manganese	2500		9.8	0.48	mg/Kg	☼	07/16/13 10:45	07/17/13 18:51	5
Nickel	3400		26	1.8	mg/Kg	☼	07/16/13 10:45	07/17/13 18:51	5
Zinc	29000		130	65	mg/Kg	☼	07/16/13 10:45	07/19/13 22:55	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-20
Date Collected: 07/11/13 14:10
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-20
Matrix: Solid
Percent Solids: 83.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		5.6	0.18	mg/Kg	☼	07/16/13 10:45	07/17/13 19:08	1
Copper	6100		56	17	mg/Kg	☼	07/16/13 10:45	07/18/13 19:32	20
Manganese	400		1.7	0.083	mg/Kg	☼	07/16/13 10:45	07/17/13 19:08	1
Nickel	1200		4.5	0.30	mg/Kg	☼	07/16/13 10:45	07/17/13 19:08	1
Zinc	6400		45	22	mg/Kg	☼	07/16/13 10:45	07/18/13 19:32	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-21
Date Collected: 07/11/13 14:30
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-21
Matrix: Solid
Percent Solids: 85.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11	J	26	0.84	mg/Kg	☼	07/16/13 10:45	07/17/13 19:12	5
Copper	7300		13	3.9	mg/Kg	☼	07/16/13 10:45	07/17/13 19:12	5
Manganese	870		7.8	0.39	mg/Kg	☼	07/16/13 10:45	07/17/13 19:12	5
Nickel	1400		21	1.4	mg/Kg	☼	07/16/13 10:45	07/17/13 19:12	5
Zinc	6600		42	21	mg/Kg	☼	07/16/13 10:45	07/18/13 19:36	20

Client Sample ID: S-12616-071113-DN-22
Date Collected: 07/11/13 14:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-22
Matrix: Solid
Percent Solids: 59.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**63000**	**J B**	70000	12000	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Benzene	17000	U	17000	840	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Dichlorobromomethane	17000	U	17000	690	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Bromoform	17000	U	17000	1300	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Bromomethane	17000	U	17000	2000	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
2-Butanone (MEK)	70000	U	70000	3000	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Carbon disulfide	17000	U	17000	840	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Carbon tetrachloride	17000	U	17000	450	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Chlorobenzene	17000	U	17000	450	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Chloroethane	17000	U	17000	4200	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Chloroform	17000	U	17000	610	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Chloromethane	17000	U	17000	980	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,1-Dichloroethane	17000	U	17000	1200	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,2-Dichloroethane	17000	U	17000	700	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,1-Dichloroethene	17000	U	17000	1300	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,2-Dichloropropane	17000	U	17000	570	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
cis-1,3-Dichloropropene	17000	U	17000	550	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
trans-1,3-Dichloropropene	17000	U	17000	1400	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Ethylbenzene	**230000**		17000	380	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
2-Hexanone	70000	U	70000	1400	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Methylene Chloride	**23000**	**B**	17000	5400	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
4-Methyl-2-pentanone (MIBK)	70000	U	70000	3300	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Styrene	17000	U	17000	390	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,1,2,2-Tetrachloroethane	17000	U	17000	620	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Tetrachloroethene	17000	U	17000	840	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Toluene	**160000**	**B**	17000	1200	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Trichloroethene	17000	U	17000	680	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Vinyl chloride	17000	U	17000	1300	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Xylenes, Total	**1500000**		35000	560	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,1,1-Trichloroethane	17000	U	17000	1500	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,1,2-Trichloroethane	17000	U	17000	840	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Cyclohexane	35000	U	35000	2800	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,2-Dibromo-3-Chloropropane	35000	U	35000	3500	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Ethylene Dibromide	17000	U	17000	700	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Dichlorodifluoromethane	17000	U	17000	1100	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
cis-1,2-Dichloroethene	17000	U	17000	480	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
trans-1,2-Dichloroethene	17000	U	17000	640	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Isopropylbenzene	**23000**		17000	450	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Methyl acetate	35000	U	35000	1700	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Methyl tert-butyl ether	17000	U	17000	490	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,1,2-Trichloro-1,2,2-trifluoroethane	17000	U	17000	2700	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,2,4-Trichlorobenzene	17000	U	17000	510	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,2-Dichlorobenzene	17000	U	17000	600	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,3-Dichlorobenzene	17000	U	17000	330	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
1,4-Dichlorobenzene	17000	U	17000	560	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Trichlorofluoromethane	17000	U	17000	1100	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Chlorodibromomethane	17000	U	17000	840	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333
Methylcyclohexane	**8500**	**J**	35000	840	ug/Kg	☼	07/13/13 14:35	07/24/13 02:37	33.333

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-22
Date Collected: 07/11/13 14:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-22
Matrix: Solid
Percent Solids: 59.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	14	X	39 - 128	07/13/13 14:35	07/24/13 02:37	33.333
4-Bromofluorobenzene (Surr)	0	X	26 - 141	07/13/13 14:35	07/24/13 02:37	33.333
Toluene-d8 (Surr)	0	X	33 - 134	07/13/13 14:35	07/24/13 02:37	33.333
Dibromofluoromethane (Surr)	0	X	30 - 122	07/13/13 14:35	07/24/13 02:37	33.333

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-22
Date Collected: 07/11/13 14:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-22
Matrix: Solid
Percent Solids: 59.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	760	U	760	24	mg/Kg	☼	07/16/13 10:45	07/17/13 19:16	100
Copper	**28000**		380	110	mg/Kg	☼	07/16/13 10:45	07/17/13 19:16	100
Manganese	**230**		230	11	mg/Kg	☼	07/16/13 10:45	07/17/13 19:16	100
Nickel	**3400**		610	41	mg/Kg	☼	07/16/13 10:45	07/17/13 19:16	100
Zinc	**27000**		300	150	mg/Kg	☼	07/16/13 10:45	07/17/13 19:16	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071113-DN-23
Date Collected: 07/11/13 15:30
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-23
Matrix: Solid
Percent Solids: 82.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.3		5.0	0.16	mg/Kg	☼	07/16/13 10:45	07/17/13 19:32	1
Copper	100		2.5	0.74	mg/Kg	☼	07/16/13 10:45	07/17/13 19:32	1
Manganese	690		1.5	0.074	mg/Kg	☼	07/16/13 10:45	07/17/13 19:32	1
Nickel	80		4.0	0.27	mg/Kg	☼	07/16/13 10:45	07/17/13 19:32	1
Zinc	230		2.0	1.0	mg/Kg	☼	07/16/13 10:45	07/17/13 19:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-24
Date Collected: 07/12/13 09:20
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-24
Matrix: Solid
Percent Solids: 88.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	J	5.2	0.17	mg/Kg	☼	07/16/13 10:45	07/17/13 19:36	1
Copper	8.7		2.6	0.77	mg/Kg	☼	07/16/13 10:45	07/17/13 19:36	1
Manganese	340		1.6	0.077	mg/Kg	☼	07/16/13 10:45	07/17/13 19:36	1
Nickel	11		4.2	0.28	mg/Kg	☼	07/16/13 10:45	07/17/13 19:36	1
Zinc	40		2.1	1.0	mg/Kg	☼	07/16/13 10:45	07/17/13 19:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-25
Date Collected: 07/12/13 09:45
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-25
Matrix: Solid
Percent Solids: 74.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	17	J	29	0.94	mg/Kg	☼	07/16/13 10:45	07/17/13 19:40	5
Copper	23000		59	17	mg/Kg	☼	07/16/13 10:45	07/18/13 19:40	20
Manganese	830		8.8	0.43	mg/Kg	☼	07/16/13 10:45	07/17/13 19:40	5
Nickel	5600		23	1.6	mg/Kg	☼	07/16/13 10:45	07/17/13 19:40	5
Zinc	18000		47	23	mg/Kg	☼	07/16/13 10:45	07/18/13 19:40	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-26
Date Collected: 07/12/13 10:20
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-26
Matrix: Solid
Percent Solids: 77.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		6.2	0.20	mg/Kg	☼	07/16/13 10:45	07/17/13 19:45	1
Copper	27000		62	18	mg/Kg	☼	07/16/13 10:45	07/18/13 19:44	20
Manganese	470		1.9	0.092	mg/Kg	☼	07/16/13 10:45	07/17/13 19:45	1
Nickel	3000		5.0	0.34	mg/Kg	☼	07/16/13 10:45	07/17/13 19:45	1
Zinc	30000		120	62	mg/Kg	☼	07/16/13 10:45	07/19/13 23:10	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-27
Date Collected: 07/12/13 10:45
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-27
Matrix: Solid
Percent Solids: 81.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.2	J	6.0	0.19	mg/Kg	☼	07/16/13 10:45	07/17/13 19:49	1
Copper	40		3.0	0.89	mg/Kg	☼	07/16/13 10:45	07/17/13 19:49	1
Manganese	100		1.8	0.089	mg/Kg	☼	07/16/13 10:45	07/17/13 19:49	1
Nickel	15		4.8	0.32	mg/Kg	☼	07/16/13 10:45	07/17/13 19:49	1
Zinc	69		2.4	1.2	mg/Kg	☼	07/16/13 10:45	07/17/13 19:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-28
Date Collected: 07/12/13 11:25
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-28
Matrix: Solid
Percent Solids: 74.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	15	J	28	0.91	mg/Kg	☼	07/16/13 10:45	07/17/13 19:53	5
Copper	42000		57	17	mg/Kg	☼	07/16/13 10:45	07/18/13 19:48	20
Manganese	380		8.5	0.42	mg/Kg	☼	07/16/13 10:45	07/17/13 19:53	5
Nickel	3800		23	1.5	mg/Kg	☼	07/16/13 10:45	07/17/13 19:53	5
Zinc	30000		110	57	mg/Kg	☼	07/16/13 10:45	07/19/13 23:14	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-29
Date Collected: 07/12/13 11:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-29
Matrix: Solid
Percent Solids: 81.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.4		5.4	0.17	mg/Kg	☼	07/16/13 10:45	07/17/13 19:57	1
Copper	1200		2.7	0.79	mg/Kg	☼	07/16/13 10:45	07/17/13 19:57	1
Manganese	870		1.6	0.079	mg/Kg	☼	07/16/13 10:45	07/17/13 19:57	1
Nickel	340		4.3	0.29	mg/Kg	☼	07/16/13 10:45	07/17/13 19:57	1
Zinc	1500		11	5.4	mg/Kg	☼	07/16/13 10:45	07/18/13 19:52	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-30
Date Collected: 07/12/13 12:30
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-30
Matrix: Solid
Percent Solids: 81.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	20		5.6	0.18	mg/Kg	☼	07/16/13 10:45	07/17/13 20:02	1
Copper	28		2.8	0.83	mg/Kg	☼	07/16/13 10:45	07/17/13 20:02	1
Manganese	1000		1.7	0.083	mg/Kg	☼	07/16/13 10:45	07/17/13 20:02	1
Nickel	47		4.5	0.30	mg/Kg	☼	07/16/13 10:45	07/17/13 20:02	1
Zinc	80		2.2	1.1	mg/Kg	☼	07/16/13 10:45	07/17/13 20:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-31
Date Collected: 07/12/13 12:40
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-31
Matrix: Solid
Percent Solids: 75.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		6.0	0.19	mg/Kg	☼	07/16/13 10:45	07/17/13 20:06	1
Copper	490		3.0	0.89	mg/Kg	☼	07/16/13 10:45	07/17/13 20:06	1
Manganese	1600		1.8	0.089	mg/Kg	☼	07/16/13 10:45	07/17/13 20:06	1
Nickel	500		4.8	0.32	mg/Kg	☼	07/16/13 10:45	07/17/13 20:06	1
Zinc	2400		12	6.0	mg/Kg	☼	07/16/13 10:45	07/18/13 19:56	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-32
Date Collected: 07/12/13 12:50
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-32
Matrix: Solid
Percent Solids: 81.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		5.1	0.16	mg/Kg	☼	07/16/13 10:45	07/17/13 20:10	1
Copper	17		2.5	0.75	mg/Kg	☼	07/16/13 10:45	07/17/13 20:10	1
Manganese	830		1.5	0.075	mg/Kg	☼	07/16/13 10:45	07/17/13 20:10	1
Nickel	24		4.1	0.27	mg/Kg	☼	07/16/13 10:45	07/17/13 20:10	1
Zinc	50		2.0	1.0	mg/Kg	☼	07/16/13 10:45	07/17/13 20:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-33
Date Collected: 07/12/13 14:00
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-33
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.2	0.17	mg/Kg	☼	07/16/13 10:45	07/17/13 20:22	1
Copper	1400		2.6	0.77	mg/Kg	☼	07/16/13 10:45	07/17/13 20:22	1
Manganese	340		1.6	0.077	mg/Kg	☼	07/16/13 10:45	07/17/13 20:22	1
Nickel	390		4.1	0.28	mg/Kg	☼	07/16/13 10:45	07/17/13 20:22	1
Zinc	1600		10	5.2	mg/Kg	☼	07/16/13 10:45	07/18/13 20:00	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-34
Date Collected: 07/12/13 14:40
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-34
Matrix: Solid
Percent Solids: 81.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.3		5.9	0.19	mg/Kg	☼	07/16/13 10:45	07/17/13 20:26	1
Copper	510		3.0	0.88	mg/Kg	☼	07/16/13 10:45	07/17/13 20:26	1
Manganese	1600		1.8	0.088	mg/Kg	☼	07/16/13 10:45	07/17/13 20:26	1
Nickel	210		4.7	0.32	mg/Kg	☼	07/16/13 10:45	07/17/13 20:26	1
Zinc	670		2.4	1.2	mg/Kg	☼	07/16/13 10:45	07/17/13 20:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-35
Date Collected: 07/12/13 15:10
Date Received: 07/13/13 10:10

Lab Sample ID: 240-26831-35
Matrix: Solid
Percent Solids: 84.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	10		4.7	0.15	mg/Kg	☼	07/16/13 10:45	07/17/13 20:31	1
Copper	5000		24	7.0	mg/Kg	☼	07/16/13 10:45	07/18/13 20:04	10
Manganese	370		1.4	0.070	mg/Kg	☼	07/16/13 10:45	07/17/13 20:31	1
Nickel	1300		3.8	0.26	mg/Kg	☼	07/16/13 10:45	07/17/13 20:31	1
Zinc	3900		19	9.5	mg/Kg	☼	07/16/13 10:45	07/18/13 20:04	10

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(39-128)	(26-141)	(33-134)	(30-122)
240-26831-22	S-12616-071113-DN-22	14 X	0 X	0 X	0 X
LCS 240-93590/2-A	Lab Control Sample	97	91	98	93
MB 240-93590/1-A	Method Blank	99	90	101	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-93590/1-A
Matrix: Solid
Analysis Batch: 94522

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	484	J	1000	170	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Benzene	250	U	250	12	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Dichlorobromomethane	250	U	250	9.9	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Bromoform	250	U	250	19	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Bromomethane	250	U	250	29	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
2-Butanone (MEK)	1000	U	1000	43	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Carbon disulfide	250	U	250	12	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Carbon tetrachloride	250	U	250	6.4	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Chlorobenzene	250	U	250	6.4	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Chloroethane	250	U	250	61	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Chloroform	250	U	250	8.8	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Chloromethane	250	U	250	14	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,1-Dichloroethane	250	U	250	17	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,2-Dichloroethane	250	U	250	10	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,1-Dichloroethene	250	U	250	18	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,2-Dichloropropane	250	U	250	8.2	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
cis-1,3-Dichloropropene	250	U	250	7.9	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Ethylbenzene	250	U	250	5.4	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
2-Hexanone	1000	U	1000	20	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Methylene Chloride	112	J	250	77	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	48	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Styrene	250	U	250	5.6	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,1,2,2-Tetrachloroethane	250	U	250	8.9	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Tetrachloroethene	250	U	250	12	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Toluene	23.3	J	250	17	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Trichloroethene	64.4	J	250	9.7	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Vinyl chloride	250	U	250	18	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Xylenes, Total	500	U	500	8.1	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,1,1-Trichloroethane	250	U	250	21	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Cyclohexane	500	U	500	40	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Ethylene Dibromide	250	U	250	10	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
cis-1,2-Dichloroethene	250	U	250	6.9	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
trans-1,2-Dichloroethene	250	U	250	9.2	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Isopropylbenzene	250	U	250	6.5	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Methyl acetate	500	U	500	25	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Methyl tert-butyl ether	250	U	250	7.1	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	39	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,2,4-Trichlorobenzene	250	U	250	7.3	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,2-Dichlorobenzene	250	U	250	8.6	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,3-Dichlorobenzene	250	U	250	4.8	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
1,4-Dichlorobenzene	250	U	250	8.0	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Trichlorofluoromethane	250	U	250	16	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Chlorodibromomethane	250	U	250	12	ug/Kg		07/13/13 14:30	07/23/13 09:22	1
Methylcyclohexane	500	U	500	12	ug/Kg		07/13/13 14:30	07/23/13 09:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-93590/1-A
Matrix: Solid
Analysis Batch: 94522

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93590

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		39 - 128	07/13/13 14:30	07/23/13 09:22	1
4-Bromofluorobenzene (Surr)	90		26 - 141	07/13/13 14:30	07/23/13 09:22	1
Toluene-d8 (Surr)	101		33 - 134	07/13/13 14:30	07/23/13 09:22	1
Dibromofluoromethane (Surr)	91		30 - 122	07/13/13 14:30	07/23/13 09:22	1

Lab Sample ID: LCS 240-93590/2-A
Matrix: Solid
Analysis Batch: 94522

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	1000	1450		ug/Kg		145	16 - 156
Benzene	500	453		ug/Kg		91	70 - 117
Dichlorobromomethane	500	373		ug/Kg		75	28 - 123
Bromoform	500	280		ug/Kg		56	10 - 117
Bromomethane	500	125	J	ug/Kg		25	10 - 114
2-Butanone (MEK)	1000	989	J	ug/Kg		99	10 - 199
Carbon disulfide	500	226	J	ug/Kg		45	10 - 132
Carbon tetrachloride	500	318		ug/Kg		64	29 - 118
Chlorobenzene	500	469		ug/Kg		94	71 - 116
Chloroethane	500	233	J	ug/Kg		47	10 - 120
Chloroform	500	458		ug/Kg		92	63 - 116
Chloromethane	500	235	J	ug/Kg		47	25 - 110
1,1-Dichloroethane	500	450		ug/Kg		90	63 - 117
1,2-Dichloroethane	500	448		ug/Kg		90	68 - 119
1,1-Dichloroethene	500	383		ug/Kg		77	44 - 143
1,2-Dichloropropane	500	463		ug/Kg		93	73 - 113
cis-1,3-Dichloropropene	500	347		ug/Kg		69	25 - 120
trans-1,3-Dichloropropene	500	309		ug/Kg		62	22 - 122
Ethylbenzene	500	460		ug/Kg		92	66 - 119
2-Hexanone	1000	919	J	ug/Kg		92	43 - 130
Methylene Chloride	500	612		ug/Kg		122	27 - 172
4-Methyl-2-pentanone (MIBK)	1000	856	J	ug/Kg		86	49 - 121
Styrene	500	448		ug/Kg		90	60 - 120
1,1,2,2-Tetrachloroethane	500	408		ug/Kg		82	54 - 121
Tetrachloroethene	500	451		ug/Kg		90	58 - 131
Toluene	500	465		ug/Kg		93	66 - 123
Trichloroethene	500	597		ug/Kg		119	59 - 124
Vinyl chloride	500	267		ug/Kg		53	33 - 110
Xylenes, Total	1500	1430		ug/Kg		95	68 - 119
1,1,1-Trichloroethane	500	373		ug/Kg		75	38 - 122
1,1,2-Trichloroethane	500	500		ug/Kg		100	74 - 114
Cyclohexane	500	360	J	ug/Kg		72	40 - 120
1,2-Dibromo-3-Chloropropane	500	293	J	ug/Kg		59	10 - 129
Ethylene Dibromide	500	443		ug/Kg		89	47 - 123
Dichlorodifluoromethane	500	116	J	ug/Kg		23	10 - 110
cis-1,2-Dichloroethene	500	444		ug/Kg		89	60 - 125
trans-1,2-Dichloroethene	500	390		ug/Kg		78	58 - 121
Isopropylbenzene	500	428		ug/Kg		86	61 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-93590/2-A
Matrix: Solid
Analysis Batch: 94522

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	500	655		ug/Kg		131	44 - 173
Methyl tert-butyl ether	500	431		ug/Kg		86	34 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	500	386		ug/Kg		77	48 - 151
1,2,4-Trichlorobenzene	500	340		ug/Kg		68	41 - 135
1,2-Dichlorobenzene	500	453		ug/Kg		91	68 - 118
1,3-Dichlorobenzene	500	464		ug/Kg		93	66 - 121
1,4-Dichlorobenzene	500	434		ug/Kg		87	65 - 119
Trichlorofluoromethane	500	296		ug/Kg		59	17 - 145
Chlorodibromomethane	500	323		ug/Kg		65	22 - 113
Methylcyclohexane	500	383	J	ug/Kg		77	41 - 133
m-Xylene & p-Xylene	1000	969		ug/Kg		97	67 - 118
o-Xylene	500	462		ug/Kg		92	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*39 - 128*
4-Bromofluorobenzene (Surr)	*91*		*26 - 141*
Toluene-d8 (Surr)	*98*		*33 - 134*
Dibromofluoromethane (Surr)	*93*		*30 - 122*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-93783/1-A
Matrix: Solid
Analysis Batch: 94049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93783

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		07/16/13 09:26	07/17/13 15:57	1
Copper	2.5	U	2.5	0.74	mg/Kg		07/16/13 09:26	07/17/13 15:57	1
Manganese	1.5	U	1.5	0.074	mg/Kg		07/16/13 09:26	07/17/13 15:57	1
Nickel	4.0	U	4.0	0.27	mg/Kg		07/16/13 09:26	07/17/13 15:57	1
Zinc	2.0	U	2.0	1.0	mg/Kg		07/16/13 09:26	07/17/13 15:57	1

Lab Sample ID: LCS 240-93783/2-A
Matrix: Solid
Analysis Batch: 94049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	44.1		mg/Kg		88	80 - 120
Copper	25.0	23.3		mg/Kg		93	80 - 120
Manganese	50.0	43.9		mg/Kg		88	80 - 120
Nickel	50.0	44.4		mg/Kg		89	80 - 120
Zinc	50.0	44.1		mg/Kg		88	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-93806/1-A
Matrix: Solid
Analysis Batch: 94049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93806

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		07/16/13 10:45	07/17/13 18:44	1
Copper	2.5	U	2.5	0.74	mg/Kg		07/16/13 10:45	07/17/13 18:44	1
Manganese	1.5	U	1.5	0.074	mg/Kg		07/16/13 10:45	07/17/13 18:44	1
Nickel	4.0	U	4.0	0.27	mg/Kg		07/16/13 10:45	07/17/13 18:44	1
Zinc	2.0	U	2.0	1.0	mg/Kg		07/16/13 10:45	07/17/13 18:44	1

Lab Sample ID: LCS 240-93806/2-A
Matrix: Solid
Analysis Batch: 94049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	43.1		mg/Kg		86	80 - 120
Copper	25.0	22.4		mg/Kg		90	80 - 120
Manganese	50.0	43.2		mg/Kg		86	80 - 120
Nickel	50.0	43.5		mg/Kg		87	80 - 120
Zinc	50.0	43.4		mg/Kg		87	80 - 120

Lab Sample ID: 240-26831-19 MS
Matrix: Solid
Analysis Batch: 94049

Client Sample ID: S-12616-071113-DN-19
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	17	J	67.7	77.8		mg/Kg	☼	89	75 - 125
Manganese	2500		67.7	786	4	mg/Kg	☼	-2489	75 - 125
Nickel	3400		67.7	4210	4	mg/Kg	☼	1176	75 - 125

Lab Sample ID: 240-26831-19 MS
Matrix: Solid
Analysis Batch: 94107

Client Sample ID: S-12616-071113-DN-19
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	27000		33.9	27100	4	mg/Kg	☼	1865	75 - 125

Lab Sample ID: 240-26831-19 MS
Matrix: Solid
Analysis Batch: 94368

Client Sample ID: S-12616-071113-DN-19
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	29000		67.7	29300	4	mg/Kg	☼	980	75 - 125

Lab Sample ID: 240-26831-19 MSD
Matrix: Solid
Analysis Batch: 94049

Client Sample ID: S-12616-071113-DN-19
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	17	J	67.7	78.4		mg/Kg	☼	90	75 - 125	1	20
Manganese	2500		67.7	774	4	mg/Kg	☼	-2507	75 - 125	2	20
Nickel	3400		67.7	4200	4	mg/Kg	☼	1160	75 - 125	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-26831-19 MSD
Matrix: Solid
Analysis Batch: 94107

Client Sample ID: S-12616-071113-DN-19
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	27000		33.9	29700	4	mg/Kg	☼	9569	75 - 125	9	20

Lab Sample ID: 240-26831-19 MSD
Matrix: Solid
Analysis Batch: 94368

Client Sample ID: S-12616-071113-DN-19
Prep Type: Total/NA
Prep Batch: 93806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	29000		67.7	28900	4	mg/Kg	☼	320	75 - 125	2	20

GC/MS VOA

Prep Batch: 93590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-22	S-12616-071113-DN-22	Total/NA	Solid	5035	
LCS 240-93590/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-93590/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 94522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-93590/2-A	Lab Control Sample	Total/NA	Solid	8260B	93590
MB 240-93590/1-A	Method Blank	Total/NA	Solid	8260B	93590

Analysis Batch: 94721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-22	S-12616-071113-DN-22	Total/NA	Solid	8260B	93590

Metals

Prep Batch: 93783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-1	S-12616-070913-DN-01	Total/NA	Solid	3050B	
240-26831-2	S-12616-070913-DN-02	Total/NA	Solid	3050B	
240-26831-3	S-12616-070913-DN-03	Total/NA	Solid	3050B	
240-26831-4	S-12616-070913-DN-04	Total/NA	Solid	3050B	
240-26831-5	S-12616-070913-DN-05	Total/NA	Solid	3050B	
240-26831-6	S-12616-070913-DN-06	Total/NA	Solid	3050B	
240-26831-7	S-12616-070913-DN-07	Total/NA	Solid	3050B	
240-26831-8	S-12616-070913-DN-08	Total/NA	Solid	3050B	
240-26831-9	S-12616-071013-DN-09	Total/NA	Solid	3050B	
240-26831-10	S-12616-071013-DN-10	Total/NA	Solid	3050B	
240-26831-11	S-12616-071013-DN-11	Total/NA	Solid	3050B	
240-26831-12	S-12616-071013-DN-12	Total/NA	Solid	3050B	
240-26831-13	S-12616-071013-DN-13	Total/NA	Solid	3050B	
240-26831-14	S-12616-071113-DN-14	Total/NA	Solid	3050B	
240-26831-15	S-12616-071113-DN-15	Total/NA	Solid	3050B	
240-26831-16	S-12616-071113-DN-16	Total/NA	Solid	3050B	
240-26831-17	S-12616-071113-DN-17	Total/NA	Solid	3050B	
240-26831-18	S-12616-071113-DN-18	Total/NA	Solid	3050B	
LCS 240-93783/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-93783/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 93806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-19	S-12616-071113-DN-19	Total/NA	Solid	3050B	
240-26831-19 MS	S-12616-071113-DN-19	Total/NA	Solid	3050B	
240-26831-19 MSD	S-12616-071113-DN-19	Total/NA	Solid	3050B	
240-26831-20	S-12616-071113-DN-20	Total/NA	Solid	3050B	
240-26831-21	S-12616-071113-DN-21	Total/NA	Solid	3050B	
240-26831-22	S-12616-071113-DN-22	Total/NA	Solid	3050B	
240-26831-23	S-12616-071113-DN-23	Total/NA	Solid	3050B	
240-26831-24	S-12616-071213-DN-24	Total/NA	Solid	3050B	
240-26831-25	S-12616-071213-DN-25	Total/NA	Solid	3050B	
240-26831-26	S-12616-071213-DN-26	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 93806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-27	S-12616-071213-DN-27	Total/NA	Solid	3050B	
240-26831-28	S-12616-071213-DN-28	Total/NA	Solid	3050B	
240-26831-29	S-12616-071213-DN-29	Total/NA	Solid	3050B	
240-26831-30	S-12616-071213-DN-30	Total/NA	Solid	3050B	
240-26831-31	S-12616-071213-DN-31	Total/NA	Solid	3050B	
240-26831-32	S-12616-071213-DN-32	Total/NA	Solid	3050B	
240-26831-33	S-12616-071213-DN-33	Total/NA	Solid	3050B	
240-26831-34	S-12616-071213-DN-34	Total/NA	Solid	3050B	
240-26831-35	S-12616-071213-DN-35	Total/NA	Solid	3050B	
LCS 240-93806/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-93806/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 94049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-1	S-12616-070913-DN-01	Total/NA	Solid	6010B	93783
240-26831-2	S-12616-070913-DN-02	Total/NA	Solid	6010B	93783
240-26831-3	S-12616-070913-DN-03	Total/NA	Solid	6010B	93783
240-26831-4	S-12616-070913-DN-04	Total/NA	Solid	6010B	93783
240-26831-5	S-12616-070913-DN-05	Total/NA	Solid	6010B	93783
240-26831-6	S-12616-070913-DN-06	Total/NA	Solid	6010B	93783
240-26831-7	S-12616-070913-DN-07	Total/NA	Solid	6010B	93783
240-26831-8	S-12616-070913-DN-08	Total/NA	Solid	6010B	93783
240-26831-9	S-12616-071013-DN-09	Total/NA	Solid	6010B	93783
240-26831-10	S-12616-071013-DN-10	Total/NA	Solid	6010B	93783
240-26831-11	S-12616-071013-DN-11	Total/NA	Solid	6010B	93783
240-26831-12	S-12616-071013-DN-12	Total/NA	Solid	6010B	93783
240-26831-13	S-12616-071013-DN-13	Total/NA	Solid	6010B	93783
240-26831-14	S-12616-071113-DN-14	Total/NA	Solid	6010B	93783
240-26831-15	S-12616-071113-DN-15	Total/NA	Solid	6010B	93783
240-26831-16	S-12616-071113-DN-16	Total/NA	Solid	6010B	93783
240-26831-17	S-12616-071113-DN-17	Total/NA	Solid	6010B	93783
240-26831-17	S-12616-071113-DN-17	Total/NA	Solid	6010B	93783
240-26831-18	S-12616-071113-DN-18	Total/NA	Solid	6010B	93783
240-26831-18	S-12616-071113-DN-18	Total/NA	Solid	6010B	93783
240-26831-19	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-19 MS	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-19 MSD	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-20	S-12616-071113-DN-20	Total/NA	Solid	6010B	93806
240-26831-21	S-12616-071113-DN-21	Total/NA	Solid	6010B	93806
240-26831-22	S-12616-071113-DN-22	Total/NA	Solid	6010B	93806
240-26831-23	S-12616-071113-DN-23	Total/NA	Solid	6010B	93806
240-26831-24	S-12616-071213-DN-24	Total/NA	Solid	6010B	93806
240-26831-25	S-12616-071213-DN-25	Total/NA	Solid	6010B	93806
240-26831-26	S-12616-071213-DN-26	Total/NA	Solid	6010B	93806
240-26831-27	S-12616-071213-DN-27	Total/NA	Solid	6010B	93806
240-26831-28	S-12616-071213-DN-28	Total/NA	Solid	6010B	93806
240-26831-29	S-12616-071213-DN-29	Total/NA	Solid	6010B	93806
240-26831-30	S-12616-071213-DN-30	Total/NA	Solid	6010B	93806
240-26831-31	S-12616-071213-DN-31	Total/NA	Solid	6010B	93806
240-26831-32	S-12616-071213-DN-32	Total/NA	Solid	6010B	93806
240-26831-33	S-12616-071213-DN-33	Total/NA	Solid	6010B	93806

Metals (Continued)

Analysis Batch: 94049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-34	S-12616-071213-DN-34	Total/NA	Solid	6010B	93806
240-26831-35	S-12616-071213-DN-35	Total/NA	Solid	6010B	93806
LCS 240-93783/2-A	Lab Control Sample	Total/NA	Solid	6010B	93783
LCS 240-93806/2-A	Lab Control Sample	Total/NA	Solid	6010B	93806
MB 240-93783/1-A	Method Blank	Total/NA	Solid	6010B	93783
MB 240-93806/1-A	Method Blank	Total/NA	Solid	6010B	93806

Analysis Batch: 94107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-14	S-12616-071113-DN-14	Total/NA	Solid	6010B	93783
240-26831-15	S-12616-071113-DN-15	Total/NA	Solid	6010B	93783
240-26831-16	S-12616-071113-DN-16	Total/NA	Solid	6010B	93783
240-26831-19	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-19 MS	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-19 MSD	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-20	S-12616-071113-DN-20	Total/NA	Solid	6010B	93806
240-26831-21	S-12616-071113-DN-21	Total/NA	Solid	6010B	93806
240-26831-25	S-12616-071213-DN-25	Total/NA	Solid	6010B	93806
240-26831-26	S-12616-071213-DN-26	Total/NA	Solid	6010B	93806
240-26831-28	S-12616-071213-DN-28	Total/NA	Solid	6010B	93806
240-26831-29	S-12616-071213-DN-29	Total/NA	Solid	6010B	93806
240-26831-31	S-12616-071213-DN-31	Total/NA	Solid	6010B	93806
240-26831-33	S-12616-071213-DN-33	Total/NA	Solid	6010B	93806
240-26831-35	S-12616-071213-DN-35	Total/NA	Solid	6010B	93806

Analysis Batch: 94368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-19	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-19 MS	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-19 MSD	S-12616-071113-DN-19	Total/NA	Solid	6010B	93806
240-26831-26	S-12616-071213-DN-26	Total/NA	Solid	6010B	93806
240-26831-28	S-12616-071213-DN-28	Total/NA	Solid	6010B	93806

General Chemistry

Analysis Batch: 93842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-1	S-12616-070913-DN-01	Total/NA	Solid	Moisture	
240-26831-2	S-12616-070913-DN-02	Total/NA	Solid	Moisture	
240-26831-3	S-12616-070913-DN-03	Total/NA	Solid	Moisture	
240-26831-4	S-12616-070913-DN-04	Total/NA	Solid	Moisture	
240-26831-5	S-12616-070913-DN-05	Total/NA	Solid	Moisture	
240-26831-5 DU	S-12616-070913-DN-05	Total/NA	Solid	Moisture	
240-26831-6	S-12616-070913-DN-06	Total/NA	Solid	Moisture	
240-26831-7	S-12616-070913-DN-07	Total/NA	Solid	Moisture	
240-26831-8	S-12616-070913-DN-08	Total/NA	Solid	Moisture	
240-26831-9	S-12616-071013-DN-09	Total/NA	Solid	Moisture	
240-26831-10	S-12616-071013-DN-10	Total/NA	Solid	Moisture	
240-26831-11	S-12616-071013-DN-11	Total/NA	Solid	Moisture	
240-26831-12	S-12616-071013-DN-12	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 93842 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-26831-13	S-12616-071013-DN-13	Total/NA	Solid	Moisture	
240-26831-14	S-12616-071113-DN-14	Total/NA	Solid	Moisture	
240-26831-15	S-12616-071113-DN-15	Total/NA	Solid	Moisture	
240-26831-15 DU	S-12616-071113-DN-15	Total/NA	Solid	Moisture	
240-26831-16	S-12616-071113-DN-16	Total/NA	Solid	Moisture	
240-26831-17	S-12616-071113-DN-17	Total/NA	Solid	Moisture	
240-26831-18	S-12616-071113-DN-18	Total/NA	Solid	Moisture	
240-26831-19	S-12616-071113-DN-19	Total/NA	Solid	Moisture	
240-26831-20	S-12616-071113-DN-20	Total/NA	Solid	Moisture	
240-26831-21	S-12616-071113-DN-21	Total/NA	Solid	Moisture	
240-26831-22	S-12616-071113-DN-22	Total/NA	Solid	Moisture	
240-26831-23	S-12616-071113-DN-23	Total/NA	Solid	Moisture	
240-26831-24	S-12616-071213-DN-24	Total/NA	Solid	Moisture	
240-26831-25	S-12616-071213-DN-25	Total/NA	Solid	Moisture	
240-26831-25 DU	S-12616-071213-DN-25	Total/NA	Solid	Moisture	
240-26831-26	S-12616-071213-DN-26	Total/NA	Solid	Moisture	
240-26831-27	S-12616-071213-DN-27	Total/NA	Solid	Moisture	
240-26831-28	S-12616-071213-DN-28	Total/NA	Solid	Moisture	
240-26831-29	S-12616-071213-DN-29	Total/NA	Solid	Moisture	
240-26831-30	S-12616-071213-DN-30	Total/NA	Solid	Moisture	
240-26831-31	S-12616-071213-DN-31	Total/NA	Solid	Moisture	
240-26831-32	S-12616-071213-DN-32	Total/NA	Solid	Moisture	
240-26831-33	S-12616-071213-DN-33	Total/NA	Solid	Moisture	
240-26831-34	S-12616-071213-DN-34	Total/NA	Solid	Moisture	
240-26831-35	S-12616-071213-DN-35	Total/NA	Solid	Moisture	
240-26831-35 DU	S-12616-071213-DN-35	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-070913-DN-01

Lab Sample ID: 240-26831-1

Date Collected: 07/09/13 10:15
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 76.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 16:34	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:09	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-02

Lab Sample ID: 240-26831-2

Date Collected: 07/09/13 10:50
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 16:38	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:09	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-03

Lab Sample ID: 240-26831-3

Date Collected: 07/09/13 13:20
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 74.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 16:46	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:09	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-04

Lab Sample ID: 240-26831-4

Date Collected: 07/09/13 13:45
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 16:54	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:09	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-05

Lab Sample ID: 240-26831-5

Date Collected: 07/09/13 14:20
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 38.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94049	07/17/13 17:10	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-06

Lab Sample ID: 240-26831-6

Date Collected: 07/09/13 14:30
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 53.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94049	07/17/13 17:14	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-07

Lab Sample ID: 240-26831-7

Date Collected: 07/09/13 15:00
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 40.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94049	07/17/13 17:18	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-070913-DN-08

Lab Sample ID: 240-26831-8

Date Collected: 07/09/13 15:40
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 27.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94049	07/17/13 17:22	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071013-DN-09

Lab Sample ID: 240-26831-9

Date Collected: 07/10/13 09:20
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 17:26	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071013-DN-10

Lab Sample ID: 240-26831-10

Date Collected: 07/10/13 10:15
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 17:30	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071013-DN-11

Lab Sample ID: 240-26831-11

Date Collected: 07/10/13 11:20
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 62.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 17:35	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071013-DN-12

Lab Sample ID: 240-26831-12

Date Collected: 07/10/13 12:05
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 17:43	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071013-DN-13

Lab Sample ID: 240-26831-13

Date Collected: 07/10/13 12:50
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 36.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94049	07/17/13 17:59	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-14

Lab Sample ID: 240-26831-14

Date Collected: 07/11/13 09:45
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 18:03	NJT	TAL CAN
Total/NA	Analysis	6010B		5	94107	07/18/13 18:57	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:14	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-15

Lab Sample ID: 240-26831-15

Date Collected: 07/11/13 10:40
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 18:07	NJT	TAL CAN
Total/NA	Analysis	6010B		10	94107	07/18/13 19:01	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-16

Lab Sample ID: 240-26831-16

Date Collected: 07/11/13 11:50
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 18:11	NJT	TAL CAN
Total/NA	Analysis	6010B		10	94107	07/18/13 19:05	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-17

Lab Sample ID: 240-26831-17

Date Collected: 07/11/13 12:00
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 18:15	NJT	TAL CAN
Total/NA	Analysis	6010B		25	94049	07/17/13 18:20	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-18

Lab Sample ID: 240-26831-18

Date Collected: 07/11/13 12:45
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93783	07/16/13 09:26	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 18:23	NJT	TAL CAN
Total/NA	Analysis	6010B		25	94049	07/17/13 18:28	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-19

Lab Sample ID: 240-26831-19

Date Collected: 07/11/13 13:45
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	94049	07/17/13 18:51	NJT	TAL CAN
Total/NA	Analysis	6010B		20	94107	07/18/13 19:09	NJT	TAL CAN
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		50	94368	07/19/13 22:55	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-20

Lab Sample ID: 240-26831-20

Date Collected: 07/11/13 14:10
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN

Client Sample ID: S-12616-071113-DN-20 — **Lab Sample ID: 240-26831-20**
Date Collected: 07/11/13 14:10 — **Matrix: Solid**
Date Received: 07/13/13 10:10 — **Percent Solids: 83.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94049	07/17/13 19:08	NJT	TAL CAN
Total/NA	Analysis	6010B		20	94107	07/18/13 19:32	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-21 — **Lab Sample ID: 240-26831-21**
Date Collected: 07/11/13 14:30 — **Matrix: Solid**
Date Received: 07/13/13 10:10 — **Percent Solids: 85.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 19:12	NJT	TAL CAN
Total/NA	Analysis	6010B		20	94107	07/18/13 19:36	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-22 — **Lab Sample ID: 240-26831-22**
Date Collected: 07/11/13 14:50 — **Matrix: Solid**
Date Received: 07/13/13 10:10 — **Percent Solids: 59.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			93590	07/13/13 14:35	LAM	TAL CAN
Total/NA	Analysis	8260B		33.333	94721	07/24/13 02:37	TJL2	TAL CAN
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94049	07/17/13 19:16	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071113-DN-23 — **Lab Sample ID: 240-26831-23**
Date Collected: 07/11/13 15:30 — **Matrix: Solid**
Date Received: 07/13/13 10:10 — **Percent Solids: 82.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 19:32	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-24 — **Lab Sample ID: 240-26831-24**
Date Collected: 07/12/13 09:20 — **Matrix: Solid**
Date Received: 07/13/13 10:10 — **Percent Solids: 88.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 19:36	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:25	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-25

Lab Sample ID: 240-26831-25

Date Collected: 07/12/13 09:45

Matrix: Solid

Date Received: 07/13/13 10:10

Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	94049	07/17/13 19:40	NJT	TAL CAN
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		20	94107	07/18/13 19:40	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-26

Lab Sample ID: 240-26831-26

Date Collected: 07/12/13 10:20

Matrix: Solid

Date Received: 07/13/13 10:10

Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94049	07/17/13 19:45	NJT	TAL CAN
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		20	94107	07/18/13 19:44	NJT	TAL CAN
Total/NA	Analysis	6010B		50	94368	07/19/13 23:10	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-27

Lab Sample ID: 240-26831-27

Date Collected: 07/12/13 10:45

Matrix: Solid

Date Received: 07/13/13 10:10

Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 19:49	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-28

Lab Sample ID: 240-26831-28

Date Collected: 07/12/13 11:25

Matrix: Solid

Date Received: 07/13/13 10:10

Percent Solids: 74.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94049	07/17/13 19:53	NJT	TAL CAN
Total/NA	Analysis	6010B		20	94107	07/18/13 19:48	NJT	TAL CAN
Total/NA	Analysis	6010B		50	94368	07/19/13 23:14	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-29

Lab Sample ID: 240-26831-29

Date Collected: 07/12/13 11:50

Matrix: Solid

Date Received: 07/13/13 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94049	07/17/13 19:57	NJT	TAL CAN

Client Sample ID: S-12616-071213-DN-29

Lab Sample ID: 240-26831-29

Date Collected: 07/12/13 11:50
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94107	07/18/13 19:52	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-30

Lab Sample ID: 240-26831-30

Date Collected: 07/12/13 12:30
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 20:02	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-31

Lab Sample ID: 240-26831-31

Date Collected: 07/12/13 12:40
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 20:06	NJT	TAL CAN
Total/NA	Analysis	6010B		5	94107	07/18/13 19:56	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-32

Lab Sample ID: 240-26831-32

Date Collected: 07/12/13 12:50
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 20:10	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-33

Lab Sample ID: 240-26831-33

Date Collected: 07/12/13 14:00
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94049	07/17/13 20:22	NJT	TAL CAN
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		5	94107	07/18/13 20:00	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Client Sample ID: S-12616-071213-DN-34

Lab Sample ID: 240-26831-34

Date Collected: 07/12/13 14:40
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94049	07/17/13 20:26	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:30	KMG	TAL CAN

Client Sample ID: S-12616-071213-DN-35

Lab Sample ID: 240-26831-35

Date Collected: 07/12/13 15:10
Matrix: Solid
Date Received: 07/13/13 10:10
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94049	07/17/13 20:31	NJT	TAL CAN
Total/NA	Prep	3050B			93806	07/16/13 10:45	DEE	TAL CAN
Total/NA	Analysis	6010B		10	94107	07/18/13 20:04	NJT	TAL CAN
Total/NA	Analysis	Moisture		1	93842	07/16/13 13:49	KMG	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-26831-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13 *
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-13

* Expired certification is currently pending renewal and is considered valid.

[redacted]

Chain of Custody Record

64552

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page / of
CRA	A. LaVine	7-12-13	Page 1 of 3

Address	Telephone Number (Area Code)/Fax Number	Lab Location
1805 E. Perkins Ave.	419-609-1339	N. Canton, OH

City	State	Zip Code	Site Contact
Sandusky	OH	44870	D. Newton

Project Number/Name	Carrier/Waybill Number
12616-TO2	

Contract/Purchase Order/Quote Number

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: Metals
S-12616-070913-DN-01	7-9-13	1015	Soil						X
02		1050							X
03		1320							X
04		1345							X
05		1420							X
06		1430							X
07		1500							X
S-12616-070913-DN-08	7-09-13	1540							X
S-12616-071013-DN-09	7-10-13	0920							X
10		1015							X
11		1120							X
12		1205							X
13		1250							X
S-12616-071113-DN-14	7-11-13	0945							X
15		1040							X
16		1150							X

240-26831 Chain of Custody

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For_____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☐ Normal ☐ Rush ☐ Other_____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
Don Newton	7-12-13	1830		7-13-13	1010
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	7-12-13	009849
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 3**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hockler	
Project Name and Location (State)	**Carrier/Waybill Number**		
12616-102			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: Metals	VOC	Special Instructions/ Conditions of Receipt
S-12616-071113-DN-17	7-11-13	1200				X							X	X	
18		1245				X							X		
19		1345				X							X		
20		1410				X							X		
21		1430				X							X		
22		1450				X							X	X	
23		1530				X							X		
S-12616-071213-DN-24	7-12-13	0920				X							X		
25		0945				X							X		
26		1020				X							X		
27		1045				X							X		
28		1125				X							X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Dan Newton	7-12-13	1830	1. Received By	7-13-13	1010
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	7-12-13	009850
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 3 of 3**
1805 E. Perkins	419-609-1339		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hockler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria, OH			
Contract/Purchase Order/Quote No.			
12816-T02			

Analysis (Attach list if more space is needed): Methane

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Methane
S-12816-071213-DN-29	7-12-13	1150				X							X
30		1230				X							X
31		1240				X							X
32		1250				X							X
33		1400				X							X
34		1440				X							X
35		1510				X							X

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [X] 14 Days [ ] 21 Days [ ] Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7-12-13	1830	1. Received By:	7-13-13	10:0
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 26831**
Canton Facility

Client CRA Site Name _____ Cooler unpacked by:

Cooler Received on 7.13.13 Opened on 7-13-13

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF –1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF 0 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF -0 °C)	Observed Cooler Temp. 2.4 °C	Corrected Cooler Temp. 2.4 °C	

2. Were custody seals on the outside of the cooler(s)? ... If Yes Quantity _____	Yes	(No)
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No	(NA)
-Were custody seals on the bottle(s)?	Yes	(No)
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
7. Could all bottle labels be reconciled with the COC?	(Yes)	No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
9. Sufficient quantity received to perform indicated analyses?	(Yes)	No
10. Were sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# HC376062
11. Were VOAs on the COC?	Yes	(No)
12. Were air bubbles >6 mm in any VOA vials?	Yes No	(NA)
13. Was a trip blank present in the cooler(s)?	Yes	(No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-27102-1
Client Project/Site: 12616-T02-005, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
7/31/2013 3:28:39 PM

Denise Heckler, Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-27102-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-005, Racer Elyria

Report Number: 240-27102-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 07/20/2013; the samples arrived in good condition. The temperature of the coolers at receipt was 21.4 C.

TOTAL METALS (ICP)

Samples were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 07/23/2013, 07/24/2013 and 07/25/2013 and analyzed on 07/24/2013, 07/25/2013 and 07/30/2013.

Zinc was detected in method blank MB 240-94583/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Zinc was detected in method blank MB 240-94590/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Manganese was detected in method blank MB 240-94981/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Job ID: 240-27102-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Copper, Nickel and Zinc failed the recovery criteria low for the MS/MSD of sample S-12616-071513-DN-36 (240-27102-1) in batch 240-94904. Zinc exceeded the RPD limit.

Copper, Manganese, Nickel and Zinc failed the recovery criteria low for the MS/MSD of sample S-12616-071613-DN-56 (240-27102-21) in batch 240-95075. Copper and Zinc exceeded the RPD limit.

Manganese failed the recovery criteria low for the MS/MSD of sample S-12616-071813-DN-76 (240-27102-41) in batch 240-95075. Manganese exceeded the RPD limit.

Several samples required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-27102-1	S-12616-071513-DN-36	Solid	07/15/13 09:05	07/20/13 10:30
240-27102-2	S-12616-071513-DN-37	Solid	07/15/13 09:20	07/20/13 10:30
240-27102-3	S-12616-071513-DN-38	Solid	07/15/13 09:55	07/20/13 10:30
240-27102-4	S-12616-071513-DN-39	Solid	07/15/13 10:45	07/20/13 10:30
240-27102-5	S-12616-071513-DN-40	Solid	07/15/13 11:05	07/20/13 10:30
240-27102-6	S-12616-071513-DN-41	Solid	07/15/13 11:45	07/20/13 10:30
240-27102-7	S-12616-071513-DN-42	Solid	07/15/13 12:10	07/20/13 10:30
240-27102-8	S-12616-071513-DN-43	Solid	07/15/13 12:45	07/20/13 10:30
240-27102-9	S-12616-071513-DN-44	Solid	07/15/13 12:55	07/20/13 10:30
240-27102-10	S-12616-071513-DN-45	Solid	07/15/13 13:00	07/20/13 10:30
240-27102-11	S-12616-071513-DN-46	Solid	07/15/13 14:15	07/20/13 10:30
240-27102-12	S-12616-071513-DN-47	Solid	07/15/13 15:30	07/20/13 10:30
240-27102-13	S-12616-071513-DN-48	Solid	07/15/13 16:45	07/20/13 10:30
240-27102-14	S-12616-071613-DN-49	Solid	07/16/13 13:25	07/20/13 10:30
240-27102-15	S-12616-071613-DN-50	Solid	07/16/13 14:00	07/20/13 10:30
240-27102-16	S-12616-071613-DN-51	Solid	07/16/13 14:30	07/20/13 10:30
240-27102-17	S-12616-071613-DN-52	Solid	07/16/13 14:50	07/20/13 10:30
240-27102-18	S-12616-071613-DN-53	Solid	07/16/13 15:35	07/20/13 10:30
240-27102-19	S-12616-071613-DN-54	Solid	07/16/13 15:50	07/20/13 10:30
240-27102-20	S-12616-071613-DN-55	Solid	07/16/13 16:10	07/20/13 10:30
240-27102-21	S-12616-071613-DN-56	Solid	07/16/13 16:50	07/20/13 10:30
240-27102-22	S-12616-071613-DN-57	Solid	07/16/13 17:05	07/20/13 10:30
240-27102-23	S-12616-071613-DN-58	Solid	07/16/13 17:20	07/20/13 10:30
240-27102-24	S-12616-071613-DN-59	Solid	07/16/13 17:35	07/20/13 10:30
240-27102-25	S-12616-071713-DN-60	Solid	07/17/13 10:05	07/20/13 10:30
240-27102-26	S-12616-071713-DN-61	Solid	07/17/13 10:40	07/20/13 10:30
240-27102-27	S-12616-071713-DN-62	Solid	07/17/13 11:00	07/20/13 10:30
240-27102-28	S-12616-071713-DN-63	Solid	07/17/13 11:20	07/20/13 10:30
240-27102-29	S-12616-071713-DN-64	Solid	07/17/13 11:50	07/20/13 10:30
240-27102-30	S-12616-071713-DN-65	Solid	07/17/13 12:30	07/20/13 10:30
240-27102-31	S-12616-071713-DN-66	Solid	07/17/13 13:05	07/20/13 10:30
240-27102-32	S-12616-071713-DN-67	Solid	07/17/13 14:20	07/20/13 10:30
240-27102-33	S-12616-071713-DN-68	Solid	07/17/13 14:40	07/20/13 10:30
240-27102-34	S-12616-071713-DN-69	Solid	07/17/13 15:00	07/20/13 10:30
240-27102-35	S-12616-071713-DN-70	Solid	07/17/13 15:15	07/20/13 10:30
240-27102-36	S-12616-071713-DN-71	Solid	07/17/13 15:30	07/20/13 10:30
240-27102-37	S-12616-071713-DN-72	Solid	07/17/13 16:45	07/20/13 10:30
240-27102-38	S-12616-071813-DN-73	Solid	07/18/13 09:10	07/20/13 10:30
240-27102-39	S-12616-071813-DN-74	Solid	07/18/13 10:05	07/20/13 10:30
240-27102-40	S-12616-071813-DN-75	Solid	07/18/13 10:55	07/20/13 10:30
240-27102-41	S-12616-071813-DN-76	Solid	07/18/13 11:40	07/20/13 10:30
240-27102-42	S-12616-071813-DN-77	Solid	07/18/13 12:40	07/20/13 10:30
240-27102-43	S-12616-071813-DN-78	Solid	07/18/13 13:10	07/20/13 10:30
240-27102-44	S-12616-071813-DN-79	Solid	07/18/13 14:10	07/20/13 10:30
240-27102-45	S-12616-071813-DN-80	Solid	07/18/13 14:40	07/20/13 10:30
240-27102-46	S-12616-071813-DN-81	Solid	07/18/13 14:55	07/20/13 10:30
240-27102-47	S-12616-071813-DN-82	Solid	07/18/13 15:10	07/20/13 10:30
240-27102-48	S-12616-071813-DN-83	Solid	07/18/13 15:25	07/20/13 10:30
240-27102-49	S-12616-071813-DN-84	Solid	07/18/13 15:45	07/20/13 10:30
240-27102-50	S-12616-071813-DN-85	Solid	07/18/13 16:05	07/20/13 10:30
240-27102-51	S-12616-071813-DN-86	Solid	07/18/13 16:15	07/20/13 10:30
240-27102-52	S-12616-071813-DN-87	Solid	07/18/13 16:25	07/20/13 10:30
240-27102-53	S-12616-071813-DN-88	Solid	07/18/13 16:30	07/20/13 10:30

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-27102-54	S-12616-071813-DN-89	Solid	07/18/13 16:35	07/20/13 10:30
240-27102-55	S-12616-071813-DN-90	Solid	07/18/13 16:40	07/20/13 10:30
240-27102-56	S-12616-071913-DN-91	Solid	07/19/13 10:10	07/20/13 10:30
240-27102-57	S-12616-071913-DN-92	Solid	07/19/13 10:55	07/20/13 10:30
240-27102-58	S-12616-071913-DN-93	Solid	07/19/13 12:15	07/20/13 10:30
240-27102-59	S-12616-071913-DN-94	Solid	07/19/13 13:10	07/20/13 10:30
240-27102-60	S-12616-071913-DN-95	Solid	07/19/13 14:20	07/20/13 10:30
240-27102-61	S-12616-071913-DN-96	Solid	07/19/13 15:05	07/20/13 10:30
240-27102-62	S-12616-071913-DN-97	Solid	07/19/13 16:10	07/20/13 10:30
240-27102-63	S-12616-071913-DN-98	Solid	07/19/13 16:55	07/20/13 10:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-36 — Lab Sample ID: 240-27102-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	52000		590	180	mg/Kg	100	☼	6010B	Total/NA
Manganese	340	J	360	18	mg/Kg	100	☼	6010B	Total/NA
Nickel	25000		950	64	mg/Kg	100	☼	6010B	Total/NA
Zinc	65000	B	470	240	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-37 — Lab Sample ID: 240-27102-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.2		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	8000		25	7.3	mg/Kg	10	☼	6010B	Total/NA
Manganese	260		1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	90		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	4600	B	20	9.9	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-38 — Lab Sample ID: 240-27102-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.7		6.1	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	15000		150	45	mg/Kg	50	☼	6010B	Total/NA
Manganese	130		1.8	0.091	mg/Kg	1	☼	6010B	Total/NA
Nickel	1800		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA
Zinc	35000	B	120	61	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-39 — Lab Sample ID: 240-27102-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.9		4.8	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	1100		2.4	0.71	mg/Kg	1	☼	6010B	Total/NA
Manganese	180		1.4	0.071	mg/Kg	1	☼	6010B	Total/NA
Nickel	2000		3.9	0.26	mg/Kg	1	☼	6010B	Total/NA
Zinc	5000	B	19	9.7	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-40 — Lab Sample ID: 240-27102-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	24		5.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	34000		130	39	mg/Kg	50	☼	6010B	Total/NA
Manganese	1900		16	0.79	mg/Kg	10	☼	6010B	Total/NA
Nickel	4300		43	2.9	mg/Kg	10	☼	6010B	Total/NA
Zinc	32000	B	110	53	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-41 — Lab Sample ID: 240-27102-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	50000		140	42	mg/Kg	50	☼	6010B	Total/NA
Manganese	340		1.7	0.084	mg/Kg	1	☼	6010B	Total/NA
Nickel	1200		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	32000	B	110	56	mg/Kg	50	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-42 — Lab Sample ID: 240-27102-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14		6.1	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	31000		310	91	mg/Kg	100	☼	6010B	Total/NA
Manganese	200		1.8	0.091	mg/Kg	1	☼	6010B	Total/NA
Nickel	5700		490	33	mg/Kg	100	☼	6010B	Total/NA
Zinc	57000	B	250	120	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-43 — Lab Sample ID: 240-27102-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	21		6.4	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	18000		320	95	mg/Kg	100	☼	6010B	Total/NA
Manganese	580		1.9	0.095	mg/Kg	1	☼	6010B	Total/NA
Nickel	7100		510	35	mg/Kg	100	☼	6010B	Total/NA
Zinc	47000	B	260	130	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-44 — Lab Sample ID: 240-27102-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	21		7.0	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	28000		350	100	mg/Kg	100	☼	6010B	Total/NA
Manganese	620		2.1	0.10	mg/Kg	1	☼	6010B	Total/NA
Nickel	8600		560	38	mg/Kg	100	☼	6010B	Total/NA
Zinc	41000	B	280	140	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-45 — Lab Sample ID: 240-27102-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	37		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	22000		300	88	mg/Kg	100	☼	6010B	Total/NA
Manganese	360		1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	23000		470	32	mg/Kg	100	☼	6010B	Total/NA
Zinc	47000	B	240	120	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-46 — Lab Sample ID: 240-27102-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	22		7.0	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	9800		350	100	mg/Kg	100	☼	6010B	Total/NA
Manganese	610		2.1	0.10	mg/Kg	1	☼	6010B	Total/NA
Nickel	5500		560	38	mg/Kg	100	☼	6010B	Total/NA
Zinc	76000	B	280	140	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071513-DN-47 — Lab Sample ID: 240-27102-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.5		4.4	0.14	mg/Kg	1	☼	6010B	Total/NA
Copper	480		2.2	0.65	mg/Kg	1	☼	6010B	Total/NA
Manganese	940		1.3	0.065	mg/Kg	1	☼	6010B	Total/NA
Nickel	300		3.5	0.24	mg/Kg	1	☼	6010B	Total/NA
Zinc	1300	B	8.7	4.4	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-48 — Lab Sample ID: 240-27102-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.7		4.5	0.14	mg/Kg	1	☼	6010B	Total/NA
Copper	730		2.3	0.67	mg/Kg	1	☼	6010B	Total/NA
Manganese	810		1.4	0.067	mg/Kg	1	☼	6010B	Total/NA
Nickel	390		3.6	0.24	mg/Kg	1	☼	6010B	Total/NA
Zinc	2300	B	9.0	4.5	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-49 — Lab Sample ID: 240-27102-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.5		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	540		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	1200		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	270		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	1300	B	10	5.1	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-50 — Lab Sample ID: 240-27102-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.0		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	510		2.5	0.75	mg/Kg	1	☼	6010B	Total/NA
Manganese	1300		1.5	0.075	mg/Kg	1	☼	6010B	Total/NA
Nickel	230		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	1200	B	10	5.1	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-51 — Lab Sample ID: 240-27102-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.4		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	6700		54	16	mg/Kg	20	☼	6010B	Total/NA
Manganese	670		1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	1100		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	10000	B	43	22	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-52 — Lab Sample ID: 240-27102-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	15		5.8	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	150		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Manganese	390		1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Nickel	41		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	230	B	2.3	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-53 — Lab Sample ID: 240-27102-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.2		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	700		2.7	0.80	mg/Kg	1	☼	6010B	Total/NA
Manganese	770		1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	250		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	1400	B	11	5.4	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-54 — Lab Sample ID: 240-27102-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14		6.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	5000		30	9.0	mg/Kg	10	☼	6010B	Total/NA
Manganese	990		1.8	0.090	mg/Kg	1	☼	6010B	Total/NA
Nickel	2000		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA
Zinc	6700	B	24	12	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-55 — Lab Sample ID: 240-27102-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.0		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	66		2.5	0.73	mg/Kg	1	☼	6010B	Total/NA
Manganese	250		1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	26		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	150	B	2.0	0.99	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-56 — Lab Sample ID: 240-27102-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.5		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	3900		290	86	mg/Kg	100	☼	6010B	Total/NA
Manganese	11000		170	8.6	mg/Kg	100	☼	6010B	Total/NA
Nickel	1800		460	31	mg/Kg	100	☼	6010B	Total/NA
Zinc	11000	B	230	120	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-57 — Lab Sample ID: 240-27102-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	4.5	J	5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	4700		290	86	mg/Kg	100	☼	6010B	Total/NA
Manganese	110		1.7	0.086	mg/Kg	1	☼	6010B	Total/NA
Nickel	220		4.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	18000	B	230	120	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-58 — Lab Sample ID: 240-27102-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		6.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	36		3.0	0.90	mg/Kg	1	☼	6010B	Total/NA
Manganese	320		1.8	0.090	mg/Kg	1	☼	6010B	Total/NA
Nickel	23		4.8	0.33	mg/Kg	1	☼	6010B	Total/NA
Zinc	170	B	2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071613-DN-59 — Lab Sample ID: 240-27102-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.8		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	35		2.9	0.86	mg/Kg	1	☼	6010B	Total/NA
Manganese	470		1.7	0.086	mg/Kg	1	☼	6010B	Total/NA
Nickel	30		4.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	210	B	2.3	1.2	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-60 — Lab Sample ID: 240-27102-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.54	J	4.5	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	8.3	J	11	3.4	mg/Kg	5	☼	6010B	Total/NA
Manganese	3200		6.8	0.34	mg/Kg	5	☼	6010B	Total/NA
Nickel	2.2	J	3.6	0.24	mg/Kg	1	☼	6010B	Total/NA
Zinc	5.7	B	1.8	0.91	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-61 — Lab Sample ID: 240-27102-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.8	J	130	4.1	mg/Kg	20	☼	6010B	Total/NA
Copper	2600		65	19	mg/Kg	20	☼	6010B	Total/NA
Manganese	1800		39	1.9	mg/Kg	20	☼	6010B	Total/NA
Nickel	3500		100	7.0	mg/Kg	20	☼	6010B	Total/NA
Zinc	3500	B	52	26	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-62 — Lab Sample ID: 240-27102-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	8400		450	130	mg/Kg	100	☼	6010B	Total/NA
Manganese	810		270	13	mg/Kg	100	☼	6010B	Total/NA
Nickel	11000		720	49	mg/Kg	100	☼	6010B	Total/NA
Zinc	11000	B	360	180	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-63 — Lab Sample ID: 240-27102-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.0	J	120	3.9	mg/Kg	20	☼	6010B	Total/NA
Copper	69000		61	18	mg/Kg	20	☼	6010B	Total/NA
Manganese	270		36	1.8	mg/Kg	20	☼	6010B	Total/NA
Nickel	2600		97	6.5	mg/Kg	20	☼	6010B	Total/NA
Zinc	15000	B	48	24	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-64 — Lab Sample ID: 240-27102-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	13000		560	170	mg/Kg	100	☼	6010B	Total/NA
Manganese	440		340	17	mg/Kg	100	☼	6010B	Total/NA
Nickel	11000		900	60	mg/Kg	100	☼	6010B	Total/NA
Zinc	21000	B	450	220	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-65 — Lab Sample ID: 240-27102-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	7000		330	99	mg/Kg	100	☼	6010B	Total/NA
Manganese	200		200	9.9	mg/Kg	100	☼	6010B	Total/NA
Nickel	8600		540	36	mg/Kg	100	☼	6010B	Total/NA
Zinc	6500	B	270	130	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-66 — Lab Sample ID: 240-27102-31

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-12616-071713-DN-66 (Continued) — Lab Sample ID: 240-27102-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13	J	150	4.7	mg/Kg	20	☼	6010B	Total/NA
Copper	18000		73	22	mg/Kg	20	☼	6010B	Total/NA
Manganese	380		44	2.2	mg/Kg	20	☼	6010B	Total/NA
Nickel	6300		120	7.9	mg/Kg	20	☼	6010B	Total/NA
Zinc	33000	B	290	150	mg/Kg	100	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-67 — Lab Sample ID: 240-27102-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.0		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	67		2.7	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	1000		1.6	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	130		4.4	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	230	B	2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-68 — Lab Sample ID: 240-27102-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	51		2.7	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	1200		1.6	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	26		4.4	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	96	B	2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-69 — Lab Sample ID: 240-27102-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.7		5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	89		2.6	0.77	mg/Kg	1	☼	6010B	Total/NA
Manganese	980		1.6	0.077	mg/Kg	1	☼	6010B	Total/NA
Nickel	95		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	340	B	2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-70 — Lab Sample ID: 240-27102-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.0		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	61		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	570		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	23		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	150	B	2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071713-DN-71 — Lab Sample ID: 240-27102-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.6	J	5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	1200		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Manganese	160		1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	2100		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	690	B	2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-72 — Lab Sample ID: 240-27102-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.8	J	9.7	0.31	mg/Kg	1	☼	6010B	Total/NA
Copper	1100		4.8	1.4	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100		2.9	0.14	mg/Kg	1	☼	6010B	Total/NA
Nickel	140		7.7	0.52	mg/Kg	1	☼	6010B	Total/NA
Zinc	1900	B	19	9.7	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-73 — Lab Sample ID: 240-27102-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		5.7	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	40		2.8	0.84	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100		1.7	0.084	mg/Kg	1	☼	6010B	Total/NA
Nickel	53		4.5	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	140	B	2.3	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-74 — Lab Sample ID: 240-27102-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.1		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	26		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	420		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	17		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	82	B	2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-75 — Lab Sample ID: 240-27102-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	44		2.9	0.86	mg/Kg	1	☼	6010B	Total/NA
Manganese	460		1.7	0.086	mg/Kg	1	☼	6010B	Total/NA
Nickel	48		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	150	B	2.3	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-76 — Lab Sample ID: 240-27102-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.7		5.7	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	9.0		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Manganese	240		1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Nickel	14		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	54		2.3	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-77 — Lab Sample ID: 240-27102-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.3		5.7	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	170		2.8	0.84	mg/Kg	1	☼	6010B	Total/NA
Manganese	140		1.7	0.084	mg/Kg	1	☼	6010B	Total/NA
Nickel	47		4.5	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	150		2.3	1.1	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-78 — Lab Sample ID: 240-27102-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.2		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	130		2.5	0.73	mg/Kg	1	☼	6010B	Total/NA
Manganese	740		1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	100		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	750		2.0	0.99	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-79 — Lab Sample ID: 240-27102-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.9		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	26		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Manganese	1600		1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Nickel	34		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	83		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-80 — Lab Sample ID: 240-27102-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.9		5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	53		2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Manganese	600		1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Nickel	58		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	130		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-81 — Lab Sample ID: 240-27102-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.0		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	120		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	500		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	42		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	340		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-82 — Lab Sample ID: 240-27102-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.5		5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	150		2.7	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	960		1.6	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	160		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	630		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-83 — Lab Sample ID: 240-27102-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.2		4.9	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	82		2.4	0.73	mg/Kg	1	☼	6010B	Total/NA
Manganese	520		1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	100		3.9	0.26	mg/Kg	1	☼	6010B	Total/NA
Zinc	550		2.0	0.98	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-84 — Lab Sample ID: 240-27102-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.7		4.4	0.14	mg/Kg	1	☼	6010B	Total/NA
Copper	78		2.2	0.64	mg/Kg	1	☼	6010B	Total/NA
Manganese	2000		6.5	0.32	mg/Kg	5	☼	6010B	Total/NA
Nickel	130		3.5	0.24	mg/Kg	1	☼	6010B	Total/NA
Zinc	500		1.7	0.87	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-85 — Lab Sample ID: 240-27102-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.9		4.4	0.14	mg/Kg	1	☼	6010B	Total/NA
Copper	160		2.2	0.66	mg/Kg	1	☼	6010B	Total/NA
Manganese	640		1.3	0.066	mg/Kg	1	☼	6010B	Total/NA
Nickel	82		3.5	0.24	mg/Kg	1	☼	6010B	Total/NA
Zinc	210		1.8	0.89	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-86 — Lab Sample ID: 240-27102-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	12		5.7	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	23		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100		1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Nickel	37		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	63		2.3	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-87 — Lab Sample ID: 240-27102-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	5000		120	36	mg/Kg	20	☼	6010B	Total/NA
Manganese	1400		73	3.6	mg/Kg	20	☼	6010B	Total/NA
Nickel	11000		200	13	mg/Kg	20	☼	6010B	Total/NA
Zinc	2700		98	49	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-88 — Lab Sample ID: 240-27102-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	5400		140	41	mg/Kg	20	☼	6010B	Total/NA
Manganese	540		83	4.1	mg/Kg	20	☼	6010B	Total/NA
Nickel	14000		220	15	mg/Kg	20	☼	6010B	Total/NA
Zinc	2500		110	55	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-89 — Lab Sample ID: 240-27102-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.6		6.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	480		3.1	0.91	mg/Kg	1	☼	6010B	Total/NA
Manganese	480		1.9	0.091	mg/Kg	1	☼	6010B	Total/NA
Nickel	1700		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA
Zinc	250		2.5	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071813-DN-90 — Lab Sample ID: 240-27102-55

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-12616-071813-DN-90 (Continued) — Lab Sample ID: 240-27102-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	1200		88	26	mg/Kg	20	☼	6010B	Total/NA
Manganese	260		53	2.6	mg/Kg	20	☼	6010B	Total/NA
Nickel	2200		140	9.5	mg/Kg	20	☼	6010B	Total/NA
Zinc	660		70	35	mg/Kg	20	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-91 — Lab Sample ID: 240-27102-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	4.9	J	6.7	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	58		3.3	0.99	mg/Kg	1	☼	6010B	Total/NA
Manganese	70		2.0	0.099	mg/Kg	1	☼	6010B	Total/NA
Nickel	270		5.4	0.36	mg/Kg	1	☼	6010B	Total/NA
Zinc	84		2.7	1.3	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-92 — Lab Sample ID: 240-27102-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.2		5.5	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	630		2.7	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	200		1.6	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	960		4.4	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	230		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-93 — Lab Sample ID: 240-27102-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	21		2.6	0.77	mg/Kg	1	☼	6010B	Total/NA
Manganese	700		1.6	0.077	mg/Kg	1	☼	6010B	Total/NA
Nickel	32		4.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	57		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-94 — Lab Sample ID: 240-27102-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.0	J	71	2.3	mg/Kg	10	☼	6010B	Total/NA
Copper	1300		36	11	mg/Kg	10	☼	6010B	Total/NA
Manganese	250		21	1.1	mg/Kg	10	☼	6010B	Total/NA
Nickel	3200		57	3.8	mg/Kg	10	☼	6010B	Total/NA
Zinc	450		28	14	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-95 — Lab Sample ID: 240-27102-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11	J	82	2.6	mg/Kg	10	☼	6010B	Total/NA
Copper	1100		41	12	mg/Kg	10	☼	6010B	Total/NA
Manganese	860		25	1.2	mg/Kg	10	☼	6010B	Total/NA
Nickel	1900		66	4.5	mg/Kg	10	☼	6010B	Total/NA
Zinc	330		33	16	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-96 — Lab Sample ID: 240-27102-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.1	J	58	1.8	mg/Kg	10	☼	6010B	Total/NA
Copper	1500		29	8.5	mg/Kg	10	☼	6010B	Total/NA
Manganese	19000	B	17	0.85	mg/Kg	10	☼	6010B	Total/NA
Nickel	3400		46	3.1	mg/Kg	10	☼	6010B	Total/NA
Zinc	660		23	12	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-97 — Lab Sample ID: 240-27102-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13	J	140	4.4	mg/Kg	10	☼	6010B	Total/NA
Copper	17000		69	20	mg/Kg	10	☼	6010B	Total/NA
Manganese	120	B	42	2.0	mg/Kg	10	☼	6010B	Total/NA
Nickel	28000		110	7.5	mg/Kg	10	☼	6010B	Total/NA
Zinc	5300		55	28	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-071913-DN-98 — Lab Sample ID: 240-27102-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.6	J	65	2.1	mg/Kg	5	☼	6010B	Total/NA
Copper	3700		32	9.6	mg/Kg	5	☼	6010B	Total/NA
Manganese	73	B	19	0.96	mg/Kg	5	☼	6010B	Total/NA
Nickel	9600		52	3.5	mg/Kg	5	☼	6010B	Total/NA
Zinc	3000		26	13	mg/Kg	5	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-36
Date Collected: 07/15/13 09:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-1
Matrix: Solid
Percent Solids: 38.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1200	U	1200	38	mg/Kg	☼	07/23/13 09:16	07/24/13 18:26	100
Copper	**52000**		590	180	mg/Kg	☼	07/23/13 09:16	07/24/13 18:26	100
Manganese	**340**	**J**	360	18	mg/Kg	☼	07/23/13 09:16	07/24/13 18:26	100
Nickel	**25000**		950	64	mg/Kg	☼	07/23/13 09:16	07/24/13 18:26	100
Zinc	**65000**	**B**	470	240	mg/Kg	☼	07/23/13 09:16	07/24/13 18:26	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-37
Date Collected: 07/15/13 09:20
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-2
Matrix: Solid
Percent Solids: 82.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.2		5.0	0.16	mg/Kg	☼	07/23/13 09:16	07/24/13 18:37	1
Copper	8000		25	7.3	mg/Kg	☼	07/23/13 09:16	07/25/13 15:09	10
Manganese	260		1.5	0.073	mg/Kg	☼	07/23/13 09:16	07/24/13 18:37	1
Nickel	90		4.0	0.27	mg/Kg	☼	07/23/13 09:16	07/24/13 18:37	1
Zinc	4600	B	20	9.9	mg/Kg	☼	07/23/13 09:16	07/25/13 15:09	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-38
Date Collected: 07/15/13 09:55
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-3
Matrix: Solid
Percent Solids: 74.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.7		6.1	0.20	mg/Kg	☼	07/23/13 09:16	07/24/13 18:45	1
Copper	15000		150	45	mg/Kg	☼	07/23/13 09:16	07/25/13 15:17	50
Manganese	130		1.8	0.091	mg/Kg	☼	07/23/13 09:16	07/24/13 18:45	1
Nickel	1800		4.9	0.33	mg/Kg	☼	07/23/13 09:16	07/24/13 18:45	1
Zinc	35000	B	120	61	mg/Kg	☼	07/23/13 09:16	07/25/13 15:17	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-39
Date Collected: 07/15/13 10:45
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-4
Matrix: Solid
Percent Solids: 85.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.9		4.8	0.15	mg/Kg	☼	07/23/13 09:16	07/24/13 18:49	1
Copper	1100		2.4	0.71	mg/Kg	☼	07/23/13 09:16	07/24/13 18:49	1
Manganese	180		1.4	0.071	mg/Kg	☼	07/23/13 09:16	07/24/13 18:49	1
Nickel	2000		3.9	0.26	mg/Kg	☼	07/23/13 09:16	07/24/13 18:49	1
Zinc	5000	B	19	9.7	mg/Kg	☼	07/23/13 09:16	07/25/13 15:20	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-40
Lab Sample ID: 240-27102-5
Date Collected: 07/15/13 11:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 75.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	24		5.3	0.17	mg/Kg	☼	07/23/13 09:16	07/24/13 18:54	1
Copper	34000		130	39	mg/Kg	☼	07/23/13 09:16	07/25/13 15:32	50
Manganese	1900		16	0.79	mg/Kg	☼	07/23/13 09:16	07/24/13 19:06	10
Nickel	4300		43	2.9	mg/Kg	☼	07/23/13 09:16	07/24/13 19:06	10
Zinc	32000	B	110	53	mg/Kg	☼	07/23/13 09:16	07/25/13 15:32	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-41
Date Collected: 07/15/13 11:45
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-6
Matrix: Solid
Percent Solids: 70.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14		5.6	0.18	mg/Kg	☼	07/23/13 09:16	07/24/13 19:10	1
Copper	50000		140	42	mg/Kg	☼	07/23/13 09:16	07/25/13 15:36	50
Manganese	340		1.7	0.084	mg/Kg	☼	07/23/13 09:16	07/24/13 19:10	1
Nickel	1200		4.5	0.30	mg/Kg	☼	07/23/13 09:16	07/24/13 19:10	1
Zinc	32000	B	110	56	mg/Kg	☼	07/23/13 09:16	07/25/13 15:36	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-42
Date Collected: 07/15/13 12:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-7
Matrix: Solid
Percent Solids: 73.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14		6.1	0.20	mg/Kg	☼	07/23/13 09:16	07/24/13 19:18	1
Copper	31000		310	91	mg/Kg	☼	07/23/13 09:16	07/25/13 15:40	100
Manganese	200		1.8	0.091	mg/Kg	☼	07/23/13 09:16	07/24/13 19:18	1
Nickel	5700		490	33	mg/Kg	☼	07/23/13 09:16	07/25/13 15:40	100
Zinc	57000	B	250	120	mg/Kg	☼	07/23/13 09:16	07/25/13 15:40	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-43
Date Collected: 07/15/13 12:45
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-8
Matrix: Solid
Percent Solids: 69.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	21		6.4	0.20	mg/Kg	☼	07/23/13 09:16	07/24/13 19:22	1
Copper	18000		320	95	mg/Kg	☼	07/23/13 09:16	07/25/13 15:44	100
Manganese	580		1.9	0.095	mg/Kg	☼	07/23/13 09:16	07/24/13 19:22	1
Nickel	7100		510	35	mg/Kg	☼	07/23/13 09:16	07/25/13 15:44	100
Zinc	47000	B	260	130	mg/Kg	☼	07/23/13 09:16	07/25/13 15:44	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-44
Date Collected: 07/15/13 12:55
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-9
Matrix: Solid
Percent Solids: 70.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	21		7.0	0.22	mg/Kg	☼	07/23/13 09:16	07/24/13 19:27	1
Copper	28000		350	100	mg/Kg	☼	07/23/13 09:16	07/25/13 15:48	100
Manganese	620		2.1	0.10	mg/Kg	☼	07/23/13 09:16	07/24/13 19:27	1
Nickel	8600		560	38	mg/Kg	☼	07/23/13 09:16	07/25/13 15:48	100
Zinc	41000	B	280	140	mg/Kg	☼	07/23/13 09:16	07/25/13 15:48	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-45
Date Collected: 07/15/13 13:00
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-10
Matrix: Solid
Percent Solids: 74.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	37		5.9	0.19	mg/Kg	☼	07/23/13 09:16	07/24/13 19:31	1
Copper	22000		300	88	mg/Kg	☼	07/23/13 09:16	07/25/13 15:52	100
Manganese	360		1.8	0.088	mg/Kg	☼	07/23/13 09:16	07/24/13 19:31	1
Nickel	23000		470	32	mg/Kg	☼	07/23/13 09:16	07/25/13 15:52	100
Zinc	47000	B	240	120	mg/Kg	☼	07/23/13 09:16	07/25/13 15:52	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-46
Date Collected: 07/15/13 14:15
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-11
Matrix: Solid
Percent Solids: 68.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	22		7.0	0.23	mg/Kg	☼	07/23/13 09:16	07/24/13 19:36	1
Copper	9800		350	100	mg/Kg	☼	07/23/13 09:16	07/25/13 15:55	100
Manganese	610		2.1	0.10	mg/Kg	☼	07/23/13 09:16	07/24/13 19:36	1
Nickel	5500		560	38	mg/Kg	☼	07/23/13 09:16	07/25/13 15:55	100
Zinc	76000	B	280	140	mg/Kg	☼	07/23/13 09:16	07/25/13 15:55	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-47
Date Collected: 07/15/13 15:30
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-12
Matrix: Solid
Percent Solids: 86.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.5		4.4	0.14	mg/Kg	☼	07/23/13 09:16	07/24/13 19:40	1
Copper	480		2.2	0.65	mg/Kg	☼	07/23/13 09:16	07/24/13 19:40	1
Manganese	940		1.3	0.065	mg/Kg	☼	07/23/13 09:16	07/24/13 19:40	1
Nickel	300		3.5	0.24	mg/Kg	☼	07/23/13 09:16	07/24/13 19:40	1
Zinc	1300	B	8.7	4.4	mg/Kg	☼	07/23/13 09:16	07/25/13 15:59	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071513-DN-48
Date Collected: 07/15/13 16:45
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-13
Matrix: Solid
Percent Solids: 84.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.7		4.5	0.14	mg/Kg	☼	07/23/13 09:16	07/24/13 19:45	1
Copper	730		2.3	0.67	mg/Kg	☼	07/23/13 09:16	07/24/13 19:45	1
Manganese	810		1.4	0.067	mg/Kg	☼	07/23/13 09:16	07/24/13 19:45	1
Nickel	390		3.6	0.24	mg/Kg	☼	07/23/13 09:16	07/24/13 19:45	1
Zinc	2300	B	9.0	4.5	mg/Kg	☼	07/23/13 09:16	07/25/13 16:03	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-49
Date Collected: 07/16/13 13:25
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-14
Matrix: Solid
Percent Solids: 85.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.5		5.1	0.16	mg/Kg	☼	07/23/13 09:16	07/24/13 19:57	1
Copper	540		2.6	0.76	mg/Kg	☼	07/23/13 09:16	07/24/13 19:57	1
Manganese	1200		1.5	0.076	mg/Kg	☼	07/23/13 09:16	07/24/13 19:57	1
Nickel	270		4.1	0.28	mg/Kg	☼	07/23/13 09:16	07/24/13 19:57	1
Zinc	1300	B	10	5.1	mg/Kg	☼	07/23/13 09:16	07/25/13 16:07	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-50
Date Collected: 07/16/13 14:00
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-15
Matrix: Solid
Percent Solids: 83.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.0		5.1	0.16	mg/Kg	☼	07/23/13 09:16	07/24/13 20:01	1
Copper	510		2.5	0.75	mg/Kg	☼	07/23/13 09:16	07/24/13 20:01	1
Manganese	1300		1.5	0.075	mg/Kg	☼	07/23/13 09:16	07/24/13 20:01	1
Nickel	230		4.1	0.28	mg/Kg	☼	07/23/13 09:16	07/24/13 20:01	1
Zinc	1200	B	10	5.1	mg/Kg	☼	07/23/13 09:16	07/25/13 16:19	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-51
Date Collected: 07/16/13 14:30
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-16
Matrix: Solid
Percent Solids: 83.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.4		5.4	0.17	mg/Kg	☼	07/23/13 09:16	07/24/13 20:05	1
Copper	6700		54	16	mg/Kg	☼	07/23/13 09:16	07/25/13 16:23	20
Manganese	670		1.6	0.080	mg/Kg	☼	07/23/13 09:16	07/24/13 20:05	1
Nickel	1100		4.3	0.29	mg/Kg	☼	07/23/13 09:16	07/24/13 20:05	1
Zinc	10000	B	43	22	mg/Kg	☼	07/23/13 09:16	07/25/13 16:23	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-52
Date Collected: 07/16/13 14:50
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-17
Matrix: Solid
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	15		5.8	0.18	mg/Kg	☼	07/23/13 09:16	07/24/13 20:09	1
Copper	150		2.9	0.85	mg/Kg	☼	07/23/13 09:16	07/24/13 20:09	1
Manganese	390		1.7	0.085	mg/Kg	☼	07/23/13 09:16	07/24/13 20:09	1
Nickel	41		4.6	0.31	mg/Kg	☼	07/23/13 09:16	07/24/13 20:09	1
Zinc	230	B	2.3	1.2	mg/Kg	☼	07/23/13 09:16	07/24/13 20:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-53
Date Collected: 07/16/13 15:35
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-18
Matrix: Solid
Percent Solids: 84.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.2		5.4	0.17	mg/Kg	☼	07/23/13 09:16	07/24/13 20:13	1
Copper	700		2.7	0.80	mg/Kg	☼	07/23/13 09:16	07/24/13 20:13	1
Manganese	770		1.6	0.080	mg/Kg	☼	07/23/13 09:16	07/24/13 20:13	1
Nickel	250		4.3	0.29	mg/Kg	☼	07/23/13 09:16	07/24/13 20:13	1
Zinc	1400	B	11	5.4	mg/Kg	☼	07/23/13 09:16	07/25/13 16:26	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-54
Date Collected: 07/16/13 15:50
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-19
Matrix: Solid
Percent Solids: 76.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14		6.1	0.19	mg/Kg	☼	07/23/13 09:16	07/24/13 20:18	1
Copper	5000		30	9.0	mg/Kg	☼	07/23/13 09:16	07/25/13 16:30	10
Manganese	990		1.8	0.090	mg/Kg	☼	07/23/13 09:16	07/24/13 20:18	1
Nickel	2000		4.9	0.33	mg/Kg	☼	07/23/13 09:16	07/24/13 20:18	1
Zinc	6700	B	24	12	mg/Kg	☼	07/23/13 09:16	07/25/13 16:30	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-55
Date Collected: 07/16/13 16:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-20
Matrix: Solid
Percent Solids: 82.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.0		5.0	0.16	mg/Kg	☼	07/23/13 09:16	07/24/13 20:22	1
Copper	66		2.5	0.73	mg/Kg	☼	07/23/13 09:16	07/24/13 20:22	1
Manganese	250		1.5	0.073	mg/Kg	☼	07/23/13 09:16	07/24/13 20:22	1
Nickel	26		4.0	0.27	mg/Kg	☼	07/23/13 09:16	07/24/13 20:22	1
Zinc	150	B	2.0	0.99	mg/Kg	☼	07/23/13 09:16	07/24/13 20:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-56
Date Collected: 07/16/13 16:50
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-21
Matrix: Solid
Percent Solids: 76.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.5		5.8	0.19	mg/Kg	☼	07/23/13 09:42	07/24/13 20:34	1
Copper	3900		290	86	mg/Kg	☼	07/23/13 09:42	07/25/13 16:34	100
Manganese	11000		170	8.6	mg/Kg	☼	07/23/13 09:42	07/25/13 16:34	100
Nickel	1800		460	31	mg/Kg	☼	07/23/13 09:42	07/25/13 16:34	100
Zinc	11000	B	230	120	mg/Kg	☼	07/23/13 09:42	07/25/13 16:34	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-57
Date Collected: 07/16/13 17:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-22
Matrix: Solid
Percent Solids: 71.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	4.5	J	5.8	0.19	mg/Kg	☼	07/23/13 09:42	07/24/13 20:54	1
Copper	4700		290	86	mg/Kg	☼	07/23/13 09:42	07/25/13 16:46	100
Manganese	110		1.7	0.086	mg/Kg	☼	07/23/13 09:42	07/24/13 20:54	1
Nickel	220		4.7	0.31	mg/Kg	☼	07/23/13 09:42	07/24/13 20:54	1
Zinc	18000	B	230	120	mg/Kg	☼	07/23/13 09:42	07/25/13 16:46	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-58
Date Collected: 07/16/13 17:20
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-23
Matrix: Solid
Percent Solids: 81.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		6.1	0.19	mg/Kg	☼	07/23/13 09:42	07/24/13 20:58	1
Copper	36		3.0	0.90	mg/Kg	☼	07/23/13 09:42	07/24/13 20:58	1
Manganese	320		1.8	0.090	mg/Kg	☼	07/23/13 09:42	07/24/13 20:58	1
Nickel	23		4.8	0.33	mg/Kg	☼	07/23/13 09:42	07/24/13 20:58	1
Zinc	170	B	2.4	1.2	mg/Kg	☼	07/23/13 09:42	07/24/13 20:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-59
Date Collected: 07/16/13 17:35
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-24
Matrix: Solid
Percent Solids: 81.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.8		5.8	0.19	mg/Kg	☼	07/23/13 09:42	07/24/13 21:02	1
Copper	35		2.9	0.86	mg/Kg	☼	07/23/13 09:42	07/24/13 21:02	1
Manganese	470		1.7	0.086	mg/Kg	☼	07/23/13 09:42	07/24/13 21:02	1
Nickel	30		4.7	0.31	mg/Kg	☼	07/23/13 09:42	07/24/13 21:02	1
Zinc	210	B	2.3	1.2	mg/Kg	☼	07/23/13 09:42	07/24/13 21:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-60
Date Collected: 07/17/13 10:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-25
Matrix: Solid
Percent Solids: 86.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	0.54	J	4.5	0.15	mg/Kg	☼	07/23/13 09:42	07/24/13 21:10	1
Copper	8.3	J	11	3.4	mg/Kg	☼	07/23/13 09:42	07/25/13 16:50	5
Manganese	3200		6.8	0.34	mg/Kg	☼	07/23/13 09:42	07/25/13 16:50	5
Nickel	2.2	J	3.6	0.24	mg/Kg	☼	07/23/13 09:42	07/24/13 21:10	1
Zinc	5.7	B	1.8	0.91	mg/Kg	☼	07/23/13 09:42	07/24/13 21:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-61
Date Collected: 07/17/13 10:40
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-26
Matrix: Solid
Percent Solids: 74.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.8	J	130	4.1	mg/Kg	☼	07/23/13 09:42	07/24/13 21:14	20
Copper	2600		65	19	mg/Kg	☼	07/23/13 09:42	07/24/13 21:14	20
Manganese	1800		39	1.9	mg/Kg	☼	07/23/13 09:42	07/24/13 21:14	20
Nickel	3500		100	7.0	mg/Kg	☼	07/23/13 09:42	07/24/13 21:14	20
Zinc	3500	B	52	26	mg/Kg	☼	07/23/13 09:42	07/24/13 21:14	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-62
Date Collected: 07/17/13 11:00
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-27
Matrix: Solid
Percent Solids: 54.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	900	U	900	29	mg/Kg	☼	07/23/13 09:42	07/24/13 21:18	100
Copper	**8400**		450	130	mg/Kg	☼	07/23/13 09:42	07/24/13 21:18	100
Manganese	**810**		270	13	mg/Kg	☼	07/23/13 09:42	07/24/13 21:18	100
Nickel	**11000**		720	49	mg/Kg	☼	07/23/13 09:42	07/24/13 21:18	100
Zinc	**11000**	**B**	360	180	mg/Kg	☼	07/23/13 09:42	07/24/13 21:18	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-63
Date Collected: 07/17/13 11:20
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-28
Matrix: Solid
Percent Solids: 70.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.0	J	120	3.9	mg/Kg	☼	07/23/13 09:42	07/24/13 21:22	20
Copper	69000		61	18	mg/Kg	☼	07/23/13 09:42	07/24/13 21:22	20
Manganese	270		36	1.8	mg/Kg	☼	07/23/13 09:42	07/24/13 21:22	20
Nickel	2600		97	6.5	mg/Kg	☼	07/23/13 09:42	07/24/13 21:22	20
Zinc	15000	B	48	24	mg/Kg	☼	07/23/13 09:42	07/24/13 21:22	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-64
Date Collected: 07/17/13 11:50
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-29
Matrix: Solid
Percent Solids: 43.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	1100	U	1100	36	mg/Kg	☼	07/23/13 09:42	07/24/13 21:34	100
Copper	**13000**		560	170	mg/Kg	☼	07/23/13 09:42	07/24/13 21:34	100
Manganese	**440**		340	17	mg/Kg	☼	07/23/13 09:42	07/24/13 21:34	100
Nickel	**11000**		900	60	mg/Kg	☼	07/23/13 09:42	07/24/13 21:34	100
Zinc	**21000**	**B**	450	220	mg/Kg	☼	07/23/13 09:42	07/24/13 21:34	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-65
Date Collected: 07/17/13 12:30
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-30
Matrix: Solid
Percent Solids: 68.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	670	U	670	21	mg/Kg	☼	07/23/13 09:42	07/24/13 21:38	100
Copper	**7000**		330	99	mg/Kg	☼	07/23/13 09:42	07/24/13 21:38	100
Manganese	**200**		200	9.9	mg/Kg	☼	07/23/13 09:42	07/24/13 21:38	100
Nickel	**8600**		540	36	mg/Kg	☼	07/23/13 09:42	07/24/13 21:38	100
Zinc	**6500**	**B**	270	130	mg/Kg	☼	07/23/13 09:42	07/24/13 21:38	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-66
Date Collected: 07/17/13 13:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-31
Matrix: Solid
Percent Solids: 63.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13	J	150	4.7	mg/Kg	☼	07/23/13 09:42	07/24/13 21:41	20
Copper	18000		73	22	mg/Kg	☼	07/23/13 09:42	07/24/13 21:41	20
Manganese	380		44	2.2	mg/Kg	☼	07/23/13 09:42	07/24/13 21:41	20
Nickel	6300		120	7.9	mg/Kg	☼	07/23/13 09:42	07/24/13 21:41	20
Zinc	33000	B	290	150	mg/Kg	☼	07/23/13 09:42	07/25/13 16:54	100

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-67
Date Collected: 07/17/13 14:20
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-32
Matrix: Solid
Percent Solids: 82.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.0		5.4	0.17	mg/Kg	☼	07/23/13 09:42	07/24/13 21:45	1
Copper	67		2.7	0.81	mg/Kg	☼	07/23/13 09:42	07/24/13 21:45	1
Manganese	1000		1.6	0.081	mg/Kg	☼	07/23/13 09:42	07/24/13 21:45	1
Nickel	130		4.4	0.29	mg/Kg	☼	07/23/13 09:42	07/24/13 21:45	1
Zinc	230	B	2.2	1.1	mg/Kg	☼	07/23/13 09:42	07/24/13 21:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-68
Date Collected: 07/17/13 14:40
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-33
Matrix: Solid
Percent Solids: 90.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		5.4	0.17	mg/Kg	☼	07/23/13 09:42	07/24/13 21:49	1
Copper	51		2.7	0.81	mg/Kg	☼	07/23/13 09:42	07/24/13 21:49	1
Manganese	1200		1.6	0.081	mg/Kg	☼	07/23/13 09:42	07/24/13 21:49	1
Nickel	26		4.4	0.29	mg/Kg	☼	07/23/13 09:42	07/24/13 21:49	1
Zinc	96	B	2.2	1.1	mg/Kg	☼	07/23/13 09:42	07/24/13 21:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-69
Date Collected: 07/17/13 15:00
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-34
Matrix: Solid
Percent Solids: 85.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.7		5.2	0.17	mg/Kg	☼	07/23/13 09:42	07/24/13 21:54	1
Copper	89		2.6	0.77	mg/Kg	☼	07/23/13 09:42	07/24/13 21:54	1
Manganese	980		1.6	0.077	mg/Kg	☼	07/23/13 09:42	07/24/13 21:54	1
Nickel	95		4.1	0.28	mg/Kg	☼	07/23/13 09:42	07/24/13 21:54	1
Zinc	340	B	2.1	1.0	mg/Kg	☼	07/23/13 09:42	07/24/13 21:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-70
Date Collected: 07/17/13 15:15
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-35
Matrix: Solid
Percent Solids: 83.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.0		5.1	0.16	mg/Kg	☼	07/23/13 09:42	07/24/13 21:58	1
Copper	61		2.6	0.76	mg/Kg	☼	07/23/13 09:42	07/24/13 21:58	1
Manganese	570		1.5	0.076	mg/Kg	☼	07/23/13 09:42	07/24/13 21:58	1
Nickel	23		4.1	0.28	mg/Kg	☼	07/23/13 09:42	07/24/13 21:58	1
Zinc	150	B	2.0	1.0	mg/Kg	☼	07/23/13 09:42	07/24/13 21:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-71
Date Collected: 07/17/13 15:30
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-36
Matrix: Solid
Percent Solids: 78.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.6	J	5.9	0.19	mg/Kg	☼	07/23/13 09:42	07/24/13 22:02	1
Copper	1200		3.0	0.88	mg/Kg	☼	07/23/13 09:42	07/24/13 22:02	1
Manganese	160		1.8	0.088	mg/Kg	☼	07/23/13 09:42	07/24/13 22:02	1
Nickel	2100		4.7	0.32	mg/Kg	☼	07/23/13 09:42	07/24/13 22:02	1
Zinc	690	B	2.4	1.2	mg/Kg	☼	07/23/13 09:42	07/24/13 22:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071713-DN-72
Date Collected: 07/17/13 16:45
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-37
Matrix: Solid
Percent Solids: 51.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.8	J	9.7	0.31	mg/Kg	☼	07/23/13 09:42	07/24/13 22:06	1
Copper	1100		4.8	1.4	mg/Kg	☼	07/23/13 09:42	07/24/13 22:06	1
Manganese	1100		2.9	0.14	mg/Kg	☼	07/23/13 09:42	07/24/13 22:06	1
Nickel	140		7.7	0.52	mg/Kg	☼	07/23/13 09:42	07/24/13 22:06	1
Zinc	1900	B	19	9.7	mg/Kg	☼	07/23/13 09:42	07/25/13 17:05	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-73
Date Collected: 07/18/13 09:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-38
Matrix: Solid
Percent Solids: 83.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.7	0.18	mg/Kg	☼	07/23/13 09:42	07/24/13 22:10	1
Copper	40		2.8	0.84	mg/Kg	☼	07/23/13 09:42	07/24/13 22:10	1
Manganese	1100		1.7	0.084	mg/Kg	☼	07/23/13 09:42	07/24/13 22:10	1
Nickel	53		4.5	0.31	mg/Kg	☼	07/23/13 09:42	07/24/13 22:10	1
Zinc	140	B	2.3	1.1	mg/Kg	☼	07/23/13 09:42	07/24/13 22:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-74
Date Collected: 07/18/13 10:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-39
Matrix: Solid
Percent Solids: 79.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.1		5.0	0.16	mg/Kg	☼	07/23/13 09:42	07/24/13 22:22	1
Copper	26		2.5	0.74	mg/Kg	☼	07/23/13 09:42	07/24/13 22:22	1
Manganese	420		1.5	0.074	mg/Kg	☼	07/23/13 09:42	07/24/13 22:22	1
Nickel	17		4.0	0.27	mg/Kg	☼	07/23/13 09:42	07/24/13 22:22	1
Zinc	82	B	2.0	1.0	mg/Kg	☼	07/23/13 09:42	07/24/13 22:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-75
Date Collected: 07/18/13 10:55
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-40
Matrix: Solid
Percent Solids: 83.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14		5.8	0.19	mg/Kg	☼	07/23/13 09:42	07/24/13 22:26	1
Copper	44		2.9	0.86	mg/Kg	☼	07/23/13 09:42	07/24/13 22:26	1
Manganese	460		1.7	0.086	mg/Kg	☼	07/23/13 09:42	07/24/13 22:26	1
Nickel	48		4.6	0.31	mg/Kg	☼	07/23/13 09:42	07/24/13 22:26	1
Zinc	150	B	2.3	1.2	mg/Kg	☼	07/23/13 09:42	07/24/13 22:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-76
Date Collected: 07/18/13 11:40
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-41
Matrix: Solid
Percent Solids: 83.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.7		5.7	0.18	mg/Kg	☼	07/24/13 10:17	07/25/13 19:31	1
Copper	9.0		2.9	0.85	mg/Kg	☼	07/24/13 10:17	07/25/13 19:31	1
Manganese	240		1.7	0.085	mg/Kg	☼	07/24/13 10:17	07/25/13 19:31	1
Nickel	14		4.6	0.31	mg/Kg	☼	07/24/13 10:17	07/25/13 19:31	1
Zinc	54		2.3	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 19:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-77
Date Collected: 07/18/13 12:40
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-42
Matrix: Solid
Percent Solids: 80.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.3		5.7	0.18	mg/Kg	☼	07/24/13 10:17	07/25/13 19:46	1
Copper	170		2.8	0.84	mg/Kg	☼	07/24/13 10:17	07/25/13 19:46	1
Manganese	140		1.7	0.084	mg/Kg	☼	07/24/13 10:17	07/25/13 19:46	1
Nickel	47		4.5	0.31	mg/Kg	☼	07/24/13 10:17	07/25/13 19:46	1
Zinc	150		2.3	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 19:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-78
Date Collected: 07/18/13 13:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-43
Matrix: Solid
Percent Solids: 86.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.2		5.0	0.16	mg/Kg	☼	07/24/13 10:17	07/25/13 19:50	1
Copper	130		2.5	0.73	mg/Kg	☼	07/24/13 10:17	07/25/13 19:50	1
Manganese	740		1.5	0.073	mg/Kg	☼	07/24/13 10:17	07/25/13 19:50	1
Nickel	100		4.0	0.27	mg/Kg	☼	07/24/13 10:17	07/25/13 19:50	1
Zinc	750		2.0	0.99	mg/Kg	☼	07/24/13 10:17	07/25/13 19:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-79
Date Collected: 07/18/13 14:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-44
Matrix: Solid
Percent Solids: 82.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.9		5.6	0.18	mg/Kg	☼	07/24/13 10:17	07/25/13 19:54	1
Copper	26		2.8	0.83	mg/Kg	☼	07/24/13 10:17	07/25/13 19:54	1
Manganese	1600		1.7	0.083	mg/Kg	☼	07/24/13 10:17	07/25/13 19:54	1
Nickel	34		4.5	0.30	mg/Kg	☼	07/24/13 10:17	07/25/13 19:54	1
Zinc	83		2.2	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 19:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-80
Date Collected: 07/18/13 14:40
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-45
Matrix: Solid
Percent Solids: 83.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.9		5.5	0.18	mg/Kg	☼	07/24/13 10:17	07/25/13 19:59	1
Copper	53		2.8	0.82	mg/Kg	☼	07/24/13 10:17	07/25/13 19:59	1
Manganese	600		1.7	0.082	mg/Kg	☼	07/24/13 10:17	07/25/13 19:59	1
Nickel	58		4.4	0.30	mg/Kg	☼	07/24/13 10:17	07/25/13 19:59	1
Zinc	130		2.2	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 19:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-81
Date Collected: 07/18/13 14:55
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-46
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.0		5.0	0.16	mg/Kg	☼	07/24/13 10:17	07/25/13 20:03	1
Copper	120		2.5	0.74	mg/Kg	☼	07/24/13 10:17	07/25/13 20:03	1
Manganese	500		1.5	0.074	mg/Kg	☼	07/24/13 10:17	07/25/13 20:03	1
Nickel	42		4.0	0.27	mg/Kg	☼	07/24/13 10:17	07/25/13 20:03	1
Zinc	340		2.0	1.0	mg/Kg	☼	07/24/13 10:17	07/25/13 20:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-82
Date Collected: 07/18/13 15:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-47
Matrix: Solid
Percent Solids: 86.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.5		5.5	0.18	mg/Kg	☼	07/24/13 10:17	07/25/13 20:15	1
Copper	150		2.7	0.81	mg/Kg	☼	07/24/13 10:17	07/25/13 20:15	1
Manganese	960		1.6	0.081	mg/Kg	☼	07/24/13 10:17	07/25/13 20:15	1
Nickel	160		4.4	0.30	mg/Kg	☼	07/24/13 10:17	07/25/13 20:15	1
Zinc	630		2.2	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 20:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-83
Date Collected: 07/18/13 15:25
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-48
Matrix: Solid
Percent Solids: 85.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.2		4.9	0.16	mg/Kg	☼	07/24/13 10:17	07/25/13 20:19	1
Copper	82		2.4	0.73	mg/Kg	☼	07/24/13 10:17	07/25/13 20:19	1
Manganese	520		1.5	0.073	mg/Kg	☼	07/24/13 10:17	07/25/13 20:19	1
Nickel	100		3.9	0.26	mg/Kg	☼	07/24/13 10:17	07/25/13 20:19	1
Zinc	550		2.0	0.98	mg/Kg	☼	07/24/13 10:17	07/25/13 20:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-84
Date Collected: 07/18/13 15:45
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-49
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.7		4.4	0.14	mg/Kg	☼	07/24/13 10:17	07/25/13 20:23	1
Copper	78		2.2	0.64	mg/Kg	☼	07/24/13 10:17	07/25/13 20:23	1
Manganese	2000		6.5	0.32	mg/Kg	☼	07/24/13 10:17	07/30/13 15:02	5
Nickel	130		3.5	0.24	mg/Kg	☼	07/24/13 10:17	07/25/13 20:23	1
Zinc	500		1.7	0.87	mg/Kg	☼	07/24/13 10:17	07/25/13 20:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-85
Date Collected: 07/18/13 16:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-50
Matrix: Solid
Percent Solids: 78.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.9		4.4	0.14	mg/Kg	☼	07/24/13 10:17	07/25/13 20:27	1
Copper	160		2.2	0.66	mg/Kg	☼	07/24/13 10:17	07/25/13 20:27	1
Manganese	640		1.3	0.066	mg/Kg	☼	07/24/13 10:17	07/25/13 20:27	1
Nickel	82		3.5	0.24	mg/Kg	☼	07/24/13 10:17	07/25/13 20:27	1
Zinc	210		1.8	0.89	mg/Kg	☼	07/24/13 10:17	07/25/13 20:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-86
Date Collected: 07/18/13 16:15
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-51
Matrix: Solid
Percent Solids: 86.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	12		5.7	0.18	mg/Kg	☼	07/24/13 10:17	07/25/13 20:31	1
Copper	23		2.9	0.85	mg/Kg	☼	07/24/13 10:17	07/25/13 20:31	1
Manganese	1100		1.7	0.085	mg/Kg	☼	07/24/13 10:17	07/25/13 20:31	1
Nickel	37		4.6	0.31	mg/Kg	☼	07/24/13 10:17	07/25/13 20:31	1
Zinc	63		2.3	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 20:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-87
Date Collected: 07/18/13 16:25
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-52
Matrix: Solid
Percent Solids: 37.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	240	U	240	7.8	mg/Kg	☼	07/24/13 10:17	07/25/13 20:36	20
Copper	**5000**		120	36	mg/Kg	☼	07/24/13 10:17	07/25/13 20:36	20
Manganese	**1400**		73	3.6	mg/Kg	☼	07/24/13 10:17	07/25/13 20:36	20
Nickel	**11000**		200	13	mg/Kg	☼	07/24/13 10:17	07/25/13 20:36	20
Zinc	**2700**		98	49	mg/Kg	☼	07/24/13 10:17	07/25/13 20:36	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-88
Date Collected: 07/18/13 16:30
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-53
Matrix: Solid
Percent Solids: 34.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	280	U	280	8.8	mg/Kg	☼	07/24/13 10:17	07/25/13 20:43	20
Copper	**5400**		140	41	mg/Kg	☼	07/24/13 10:17	07/25/13 20:43	20
Manganese	**540**		83	4.1	mg/Kg	☼	07/24/13 10:17	07/25/13 20:43	20
Nickel	**14000**		220	15	mg/Kg	☼	07/24/13 10:17	07/25/13 20:43	20
Zinc	**2500**		110	55	mg/Kg	☼	07/24/13 10:17	07/25/13 20:43	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-89
Date Collected: 07/18/13 16:35
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-54
Matrix: Solid
Percent Solids: 75.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.6		6.2	0.20	mg/Kg	☼	07/24/13 10:17	07/25/13 20:51	1
Copper	480		3.1	0.91	mg/Kg	☼	07/24/13 10:17	07/25/13 20:51	1
Manganese	480		1.9	0.091	mg/Kg	☼	07/24/13 10:17	07/25/13 20:51	1
Nickel	1700		4.9	0.33	mg/Kg	☼	07/24/13 10:17	07/25/13 20:51	1
Zinc	250		2.5	1.2	mg/Kg	☼	07/24/13 10:17	07/25/13 20:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071813-DN-90
Date Collected: 07/18/13 16:40
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-55
Matrix: Solid
Percent Solids: 55.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	180	U	180	5.6	mg/Kg	☼	07/24/13 10:17	07/25/13 21:03	20
Copper	**1200**		88	26	mg/Kg	☼	07/24/13 10:17	07/25/13 21:03	20
Manganese	**260**		53	2.6	mg/Kg	☼	07/24/13 10:17	07/25/13 21:03	20
Nickel	**2200**		140	9.5	mg/Kg	☼	07/24/13 10:17	07/25/13 21:03	20
Zinc	**660**		70	35	mg/Kg	☼	07/24/13 10:17	07/25/13 21:03	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-91
Date Collected: 07/19/13 10:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-56
Matrix: Solid
Percent Solids: 72.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	4.9	J	6.7	0.21	mg/Kg	☼	07/24/13 10:17	07/25/13 21:07	1
Copper	58		3.3	0.99	mg/Kg	☼	07/24/13 10:17	07/25/13 21:07	1
Manganese	70		2.0	0.099	mg/Kg	☼	07/24/13 10:17	07/25/13 21:07	1
Nickel	270		5.4	0.36	mg/Kg	☼	07/24/13 10:17	07/25/13 21:07	1
Zinc	84		2.7	1.3	mg/Kg	☼	07/24/13 10:17	07/25/13 21:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-92
Date Collected: 07/19/13 10:55
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-57
Matrix: Solid
Percent Solids: 75.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.2		5.5	0.17	mg/Kg	☼	07/24/13 10:17	07/25/13 21:11	1
Copper	630		2.7	0.81	mg/Kg	☼	07/24/13 10:17	07/25/13 21:11	1
Manganese	200		1.6	0.081	mg/Kg	☼	07/24/13 10:17	07/25/13 21:11	1
Nickel	960		4.4	0.29	mg/Kg	☼	07/24/13 10:17	07/25/13 21:11	1
Zinc	230		2.2	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 21:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-93
Date Collected: 07/19/13 12:15
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-58
Matrix: Solid
Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.2	0.17	mg/Kg	☼	07/24/13 10:17	07/25/13 21:15	1
Copper	21		2.6	0.77	mg/Kg	☼	07/24/13 10:17	07/25/13 21:15	1
Manganese	700		1.6	0.077	mg/Kg	☼	07/24/13 10:17	07/25/13 21:15	1
Nickel	32		4.2	0.28	mg/Kg	☼	07/24/13 10:17	07/25/13 21:15	1
Zinc	57		2.1	1.0	mg/Kg	☼	07/24/13 10:17	07/25/13 21:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-94
Date Collected: 07/19/13 13:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-59
Matrix: Solid
Percent Solids: 68.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.0	J	71	2.3	mg/Kg	☼	07/24/13 10:17	07/25/13 21:19	10
Copper	1300		36	11	mg/Kg	☼	07/24/13 10:17	07/25/13 21:19	10
Manganese	250		21	1.1	mg/Kg	☼	07/24/13 10:17	07/25/13 21:19	10
Nickel	3200		57	3.8	mg/Kg	☼	07/24/13 10:17	07/25/13 21:19	10
Zinc	450		28	14	mg/Kg	☼	07/24/13 10:17	07/25/13 21:19	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-95
Date Collected: 07/19/13 14:20
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-60
Matrix: Solid
Percent Solids: 54.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11	J	82	2.6	mg/Kg	☼	07/24/13 10:17	07/25/13 21:23	10
Copper	1100		41	12	mg/Kg	☼	07/24/13 10:17	07/25/13 21:23	10
Manganese	860		25	1.2	mg/Kg	☼	07/24/13 10:17	07/25/13 21:23	10
Nickel	1900		66	4.5	mg/Kg	☼	07/24/13 10:17	07/25/13 21:23	10
Zinc	330		33	16	mg/Kg	☼	07/24/13 10:17	07/25/13 21:23	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-96
Date Collected: 07/19/13 15:05
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-61
Matrix: Solid
Percent Solids: 70.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.1	J	58	1.8	mg/Kg	☼	07/25/13 10:20	07/30/13 14:38	10
Copper	1500		29	8.5	mg/Kg	☼	07/25/13 10:20	07/30/13 14:38	10
Manganese	19000	B	17	0.85	mg/Kg	☼	07/25/13 10:20	07/30/13 14:38	10
Nickel	3400		46	3.1	mg/Kg	☼	07/25/13 10:20	07/30/13 14:38	10
Zinc	660		23	12	mg/Kg	☼	07/25/13 10:20	07/30/13 14:38	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-97
Date Collected: 07/19/13 16:10
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-62
Matrix: Solid
Percent Solids: 32.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13	J	140	4.4	mg/Kg	☼	07/25/13 10:20	07/30/13 14:44	10
Copper	17000		69	20	mg/Kg	☼	07/25/13 10:20	07/30/13 14:44	10
Manganese	120	B	42	2.0	mg/Kg	☼	07/25/13 10:20	07/30/13 14:44	10
Nickel	28000		110	7.5	mg/Kg	☼	07/25/13 10:20	07/30/13 14:44	10
Zinc	5300		55	28	mg/Kg	☼	07/25/13 10:20	07/30/13 14:44	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-98
Date Collected: 07/19/13 16:55
Date Received: 07/20/13 10:30

Lab Sample ID: 240-27102-63
Matrix: Solid
Percent Solids: 35.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.6	J	65	2.1	mg/Kg	☼	07/25/13 10:20	07/30/13 14:50	5
Copper	3700		32	9.6	mg/Kg	☼	07/25/13 10:20	07/30/13 14:50	5
Manganese	73	B	19	0.96	mg/Kg	☼	07/25/13 10:20	07/30/13 14:50	5
Nickel	9600		52	3.5	mg/Kg	☼	07/25/13 10:20	07/30/13 14:50	5
Zinc	3000		26	13	mg/Kg	☼	07/25/13 10:20	07/30/13 14:50	5

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-94583/1-A
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94583

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		07/23/13 09:16	07/24/13 18:18	1
Copper	2.5	U	2.5	0.74	mg/Kg		07/23/13 09:16	07/24/13 18:18	1
Manganese	1.5	U	1.5	0.074	mg/Kg		07/23/13 09:16	07/24/13 18:18	1
Nickel	4.0	U	4.0	0.27	mg/Kg		07/23/13 09:16	07/24/13 18:18	1
Zinc	2.13		2.0	1.0	mg/Kg		07/23/13 09:16	07/24/13 18:18	1

Lab Sample ID: LCS 240-94583/2-A
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	48.7		mg/Kg		97	80 - 120
Copper	25.0	25.5		mg/Kg		102	80 - 120
Manganese	50.0	49.7		mg/Kg		99	80 - 120
Nickel	50.0	49.2		mg/Kg		98	80 - 120
Zinc	50.0	50.6		mg/Kg		101	80 - 120

Lab Sample ID: 240-27102-1 MS
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: S-12616-071513-DN-36
Prep Type: Total/NA
Prep Batch: 94583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	1200	U	124	141	J	mg/Kg	☼	113	75 - 125
Copper	52000		62.0	32100	4	mg/Kg	☼	-32593	75 - 125
Manganese	340	J	124	485		mg/Kg	☼	113	75 - 125
Nickel	25000		124	15400	4	mg/Kg	☼	-7486	75 - 125
Zinc	65000	B	124	37600	4	mg/Kg	☼	-21870	75 - 125

Lab Sample ID: 240-27102-1 MSD
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: S-12616-071513-DN-36
Prep Type: Total/NA
Prep Batch: 94583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	1200	U	124	155	J	mg/Kg	☼	125	75 - 125	10	20
Copper	52000		62.0	33200	4	mg/Kg	☼	-30857	75 - 125	3	20
Manganese	340	J	124	453		mg/Kg	☼	88	75 - 125	7	20
Nickel	25000		124	17600	4	mg/Kg	☼	-5740	75 - 125	13	20
Zinc	65000	B	124	15000	4 F	mg/Kg	☼	-40042	75 - 125	86	20

Lab Sample ID: MB 240-94590/1-A
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		07/23/13 09:42	07/24/13 20:26	1
Copper	2.5	U	2.5	0.74	mg/Kg		07/23/13 09:42	07/24/13 20:26	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-94590/1-A
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1.5	U	1.5	0.074	mg/Kg		07/23/13 09:42	07/24/13 20:26	1
Nickel	4.0	U	4.0	0.27	mg/Kg		07/23/13 09:42	07/24/13 20:26	1
Zinc	1.60	J	2.0	1.0	mg/Kg		07/23/13 09:42	07/24/13 20:26	1

Lab Sample ID: LCS 240-94590/2-A
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	49.0		mg/Kg		98	80 - 120
Copper	25.0	25.5		mg/Kg		102	80 - 120
Manganese	50.0	50.0		mg/Kg		100	80 - 120
Nickel	50.0	49.5		mg/Kg		99	80 - 120
Zinc	50.0	51.2		mg/Kg		102	80 - 120

Lab Sample ID: 240-27102-21 MS
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: S-12616-071613-DN-56
Prep Type: Total/NA
Prep Batch: 94590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	8.5		62.6	73.4		mg/Kg	☼	104	75 - 125

Lab Sample ID: 240-27102-21 MS
Matrix: Solid
Analysis Batch: 95075

Client Sample ID: S-12616-071613-DN-56
Prep Type: Total/NA
Prep Batch: 94590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	3900		31.3	3740	4	mg/Kg	☼	-429	75 - 125
Manganese	11000		62.6	720	4	mg/Kg	☼	-1690 4	75 - 125
Nickel	1800		62.6	1860	4	mg/Kg	☼	17	75 - 125
Zinc	11000	B	62.6	7920	4	mg/Kg	☼	-4941	75 - 125

Lab Sample ID: 240-27102-21 MSD
Matrix: Solid
Analysis Batch: 94904

Client Sample ID: S-12616-071613-DN-56
Prep Type: Total/NA
Prep Batch: 94590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	8.5		62.6	73.7		mg/Kg	☼	104	75 - 125	0	20

Lab Sample ID: 240-27102-21 MSD
Matrix: Solid
Analysis Batch: 95075

Client Sample ID: S-12616-071613-DN-56
Prep Type: Total/NA
Prep Batch: 94590

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Copper	3900		31.3	2410	4 F	mg/Kg	☼	-4682	75 - 125	43	20
Manganese	11000		62.6	675	4	mg/Kg	☼	-1697 7	75 - 125	7	20
Nickel	1800		62.6	1550	4	mg/Kg	☼	-468	75 - 125	18	20
Zinc	11000	B	62.6	5990	4 F	mg/Kg	☼	-8024	75 - 125	28	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-94796/1-A
Matrix: Solid
Analysis Batch: 95075

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		07/24/13 10:17	07/25/13 19:16	1
Copper	2.5	U	2.5	0.74	mg/Kg		07/24/13 10:17	07/25/13 19:16	1
Manganese	1.5	U	1.5	0.074	mg/Kg		07/24/13 10:17	07/25/13 19:16	1
Nickel	4.0	U	4.0	0.27	mg/Kg		07/24/13 10:17	07/25/13 19:16	1
Zinc	2.0	U	2.0	1.0	mg/Kg		07/24/13 10:17	07/25/13 19:16	1

Lab Sample ID: LCS 240-94796/2-A
Matrix: Solid
Analysis Batch: 95075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94796

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	46.0		mg/Kg		92	80 - 120
Copper	25.0	24.6		mg/Kg		98	80 - 120
Manganese	50.0	46.3		mg/Kg		93	80 - 120
Nickel	50.0	46.3		mg/Kg		93	80 - 120
Zinc	50.0	46.7		mg/Kg		93	80 - 120

Lab Sample ID: 240-27102-41 MS
Matrix: Solid
Analysis Batch: 95075

Client Sample ID: S-12616-071813-DN-76
Prep Type: Total/NA
Prep Batch: 94796

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	5.7		59.6	60.3		mg/Kg	☼	91	75 - 125
Copper	9.0		29.8	35.6		mg/Kg	☼	89	75 - 125
Manganese	240		59.6	211	4	mg/Kg	☼	-53	75 - 125
Nickel	14		59.6	69.2		mg/Kg	☼	92	75 - 125
Zinc	54		59.6	109		mg/Kg	☼	93	75 - 125

Lab Sample ID: 240-27102-41 MSD
Matrix: Solid
Analysis Batch: 95075

Client Sample ID: S-12616-071813-DN-76
Prep Type: Total/NA
Prep Batch: 94796

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	5.7		59.6	60.8		mg/Kg	☼	92	75 - 125	1	20
Copper	9.0		29.8	34.8		mg/Kg	☼	87	75 - 125	2	20
Manganese	240		59.6	260	4 F	mg/Kg	☼	29	75 - 125	21	20
Nickel	14		59.6	68.2		mg/Kg	☼	91	75 - 125	2	20
Zinc	54		59.6	106		mg/Kg	☼	88	75 - 125	3	20

Lab Sample ID: MB 240-94981/1-A
Matrix: Solid
Analysis Batch: 95415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94981

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		07/25/13 10:20	07/29/13 17:46	1
Copper	2.5	U	2.5	0.74	mg/Kg		07/25/13 10:20	07/29/13 17:46	1
Manganese	0.188	J	1.5	0.074	mg/Kg		07/25/13 10:20	07/29/13 17:46	1
Nickel	4.0	U	4.0	0.27	mg/Kg		07/25/13 10:20	07/29/13 17:46	1
Zinc	2.0	U	2.0	1.0	mg/Kg		07/25/13 10:20	07/29/13 17:46	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-94981/2-A
Matrix: Solid
Analysis Batch: 95415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94981

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	51.6		mg/Kg		103	80 - 120
Copper	25.0	26.6		mg/Kg		106	80 - 120
Manganese	50.0	53.6		mg/Kg		107	80 - 120
Nickel	50.0	52.7		mg/Kg		105	80 - 120
Zinc	50.0	53.6		mg/Kg		107	80 - 120

Metals

Prep Batch: 94583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-1	S-12616-071513-DN-36	Total/NA	Solid	3050B	
240-27102-1 MS	S-12616-071513-DN-36	Total/NA	Solid	3050B	
240-27102-1 MSD	S-12616-071513-DN-36	Total/NA	Solid	3050B	
240-27102-2	S-12616-071513-DN-37	Total/NA	Solid	3050B	
240-27102-3	S-12616-071513-DN-38	Total/NA	Solid	3050B	
240-27102-4	S-12616-071513-DN-39	Total/NA	Solid	3050B	
240-27102-5	S-12616-071513-DN-40	Total/NA	Solid	3050B	
240-27102-6	S-12616-071513-DN-41	Total/NA	Solid	3050B	
240-27102-7	S-12616-071513-DN-42	Total/NA	Solid	3050B	
240-27102-8	S-12616-071513-DN-43	Total/NA	Solid	3050B	
240-27102-9	S-12616-071513-DN-44	Total/NA	Solid	3050B	
240-27102-10	S-12616-071513-DN-45	Total/NA	Solid	3050B	
240-27102-11	S-12616-071513-DN-46	Total/NA	Solid	3050B	
240-27102-12	S-12616-071513-DN-47	Total/NA	Solid	3050B	
240-27102-13	S-12616-071513-DN-48	Total/NA	Solid	3050B	
240-27102-14	S-12616-071613-DN-49	Total/NA	Solid	3050B	
240-27102-15	S-12616-071613-DN-50	Total/NA	Solid	3050B	
240-27102-16	S-12616-071613-DN-51	Total/NA	Solid	3050B	
240-27102-17	S-12616-071613-DN-52	Total/NA	Solid	3050B	
240-27102-18	S-12616-071613-DN-53	Total/NA	Solid	3050B	
240-27102-19	S-12616-071613-DN-54	Total/NA	Solid	3050B	
240-27102-20	S-12616-071613-DN-55	Total/NA	Solid	3050B	
LCS 240-94583/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-94583/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 94590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-21	S-12616-071613-DN-56	Total/NA	Solid	3050B	
240-27102-21 MS	S-12616-071613-DN-56	Total/NA	Solid	3050B	
240-27102-21 MSD	S-12616-071613-DN-56	Total/NA	Solid	3050B	
240-27102-22	S-12616-071613-DN-57	Total/NA	Solid	3050B	
240-27102-23	S-12616-071613-DN-58	Total/NA	Solid	3050B	
240-27102-24	S-12616-071613-DN-59	Total/NA	Solid	3050B	
240-27102-25	S-12616-071713-DN-60	Total/NA	Solid	3050B	
240-27102-26	S-12616-071713-DN-61	Total/NA	Solid	3050B	
240-27102-27	S-12616-071713-DN-62	Total/NA	Solid	3050B	
240-27102-28	S-12616-071713-DN-63	Total/NA	Solid	3050B	
240-27102-29	S-12616-071713-DN-64	Total/NA	Solid	3050B	
240-27102-30	S-12616-071713-DN-65	Total/NA	Solid	3050B	
240-27102-31	S-12616-071713-DN-66	Total/NA	Solid	3050B	
240-27102-32	S-12616-071713-DN-67	Total/NA	Solid	3050B	
240-27102-33	S-12616-071713-DN-68	Total/NA	Solid	3050B	
240-27102-34	S-12616-071713-DN-69	Total/NA	Solid	3050B	
240-27102-35	S-12616-071713-DN-70	Total/NA	Solid	3050B	
240-27102-36	S-12616-071713-DN-71	Total/NA	Solid	3050B	
240-27102-37	S-12616-071713-DN-72	Total/NA	Solid	3050B	
240-27102-38	S-12616-071813-DN-73	Total/NA	Solid	3050B	
240-27102-39	S-12616-071813-DN-74	Total/NA	Solid	3050B	
240-27102-40	S-12616-071813-DN-75	Total/NA	Solid	3050B	
LCS 240-94590/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-94590/1-A	Method Blank	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 94796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-41	S-12616-071813-DN-76	Total/NA	Solid	3050B	
240-27102-41 MS	S-12616-071813-DN-76	Total/NA	Solid	3050B	
240-27102-41 MSD	S-12616-071813-DN-76	Total/NA	Solid	3050B	
240-27102-42	S-12616-071813-DN-77	Total/NA	Solid	3050B	
240-27102-43	S-12616-071813-DN-78	Total/NA	Solid	3050B	
240-27102-44	S-12616-071813-DN-79	Total/NA	Solid	3050B	
240-27102-45	S-12616-071813-DN-80	Total/NA	Solid	3050B	
240-27102-46	S-12616-071813-DN-81	Total/NA	Solid	3050B	
240-27102-47	S-12616-071813-DN-82	Total/NA	Solid	3050B	
240-27102-48	S-12616-071813-DN-83	Total/NA	Solid	3050B	
240-27102-49	S-12616-071813-DN-84	Total/NA	Solid	3050B	
240-27102-50	S-12616-071813-DN-85	Total/NA	Solid	3050B	
240-27102-51	S-12616-071813-DN-86	Total/NA	Solid	3050B	
240-27102-52	S-12616-071813-DN-87	Total/NA	Solid	3050B	
240-27102-53	S-12616-071813-DN-88	Total/NA	Solid	3050B	
240-27102-54	S-12616-071813-DN-89	Total/NA	Solid	3050B	
240-27102-55	S-12616-071813-DN-90	Total/NA	Solid	3050B	
240-27102-56	S-12616-071913-DN-91	Total/NA	Solid	3050B	
240-27102-57	S-12616-071913-DN-92	Total/NA	Solid	3050B	
240-27102-58	S-12616-071913-DN-93	Total/NA	Solid	3050B	
240-27102-59	S-12616-071913-DN-94	Total/NA	Solid	3050B	
240-27102-60	S-12616-071913-DN-95	Total/NA	Solid	3050B	
LCS 240-94796/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-94796/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 94904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-1	S-12616-071513-DN-36	Total/NA	Solid	6010B	94583
240-27102-1 MS	S-12616-071513-DN-36	Total/NA	Solid	6010B	94583
240-27102-1 MSD	S-12616-071513-DN-36	Total/NA	Solid	6010B	94583
240-27102-2	S-12616-071513-DN-37	Total/NA	Solid	6010B	94583
240-27102-3	S-12616-071513-DN-38	Total/NA	Solid	6010B	94583
240-27102-4	S-12616-071513-DN-39	Total/NA	Solid	6010B	94583
240-27102-5	S-12616-071513-DN-40	Total/NA	Solid	6010B	94583
240-27102-5	S-12616-071513-DN-40	Total/NA	Solid	6010B	94583
240-27102-6	S-12616-071513-DN-41	Total/NA	Solid	6010B	94583
240-27102-7	S-12616-071513-DN-42	Total/NA	Solid	6010B	94583
240-27102-8	S-12616-071513-DN-43	Total/NA	Solid	6010B	94583
240-27102-9	S-12616-071513-DN-44	Total/NA	Solid	6010B	94583
240-27102-10	S-12616-071513-DN-45	Total/NA	Solid	6010B	94583
240-27102-11	S-12616-071513-DN-46	Total/NA	Solid	6010B	94583
240-27102-12	S-12616-071513-DN-47	Total/NA	Solid	6010B	94583
240-27102-13	S-12616-071513-DN-48	Total/NA	Solid	6010B	94583
240-27102-14	S-12616-071613-DN-49	Total/NA	Solid	6010B	94583
240-27102-15	S-12616-071613-DN-50	Total/NA	Solid	6010B	94583
240-27102-16	S-12616-071613-DN-51	Total/NA	Solid	6010B	94583
240-27102-17	S-12616-071613-DN-52	Total/NA	Solid	6010B	94583
240-27102-18	S-12616-071613-DN-53	Total/NA	Solid	6010B	94583
240-27102-19	S-12616-071613-DN-54	Total/NA	Solid	6010B	94583
240-27102-20	S-12616-071613-DN-55	Total/NA	Solid	6010B	94583
240-27102-21	S-12616-071613-DN-56	Total/NA	Solid	6010B	94590

Metals (Continued)

Analysis Batch: 94904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-21 MS	S-12616-071613-DN-56	Total/NA	Solid	6010B	94590
240-27102-21 MSD	S-12616-071613-DN-56	Total/NA	Solid	6010B	94590
240-27102-22	S-12616-071613-DN-57	Total/NA	Solid	6010B	94590
240-27102-23	S-12616-071613-DN-58	Total/NA	Solid	6010B	94590
240-27102-24	S-12616-071613-DN-59	Total/NA	Solid	6010B	94590
240-27102-25	S-12616-071713-DN-60	Total/NA	Solid	6010B	94590
240-27102-26	S-12616-071713-DN-61	Total/NA	Solid	6010B	94590
240-27102-27	S-12616-071713-DN-62	Total/NA	Solid	6010B	94590
240-27102-28	S-12616-071713-DN-63	Total/NA	Solid	6010B	94590
240-27102-29	S-12616-071713-DN-64	Total/NA	Solid	6010B	94590
240-27102-30	S-12616-071713-DN-65	Total/NA	Solid	6010B	94590
240-27102-31	S-12616-071713-DN-66	Total/NA	Solid	6010B	94590
240-27102-32	S-12616-071713-DN-67	Total/NA	Solid	6010B	94590
240-27102-33	S-12616-071713-DN-68	Total/NA	Solid	6010B	94590
240-27102-34	S-12616-071713-DN-69	Total/NA	Solid	6010B	94590
240-27102-35	S-12616-071713-DN-70	Total/NA	Solid	6010B	94590
240-27102-36	S-12616-071713-DN-71	Total/NA	Solid	6010B	94590
240-27102-37	S-12616-071713-DN-72	Total/NA	Solid	6010B	94590
240-27102-38	S-12616-071813-DN-73	Total/NA	Solid	6010B	94590
240-27102-39	S-12616-071813-DN-74	Total/NA	Solid	6010B	94590
240-27102-40	S-12616-071813-DN-75	Total/NA	Solid	6010B	94590
LCS 240-94583/2-A	Lab Control Sample	Total/NA	Solid	6010B	94583
LCS 240-94590/2-A	Lab Control Sample	Total/NA	Solid	6010B	94590
MB 240-94583/1-A	Method Blank	Total/NA	Solid	6010B	94583
MB 240-94590/1-A	Method Blank	Total/NA	Solid	6010B	94590

Prep Batch: 94981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-61	S-12616-071913-DN-96	Total/NA	Solid	3050B	
240-27102-62	S-12616-071913-DN-97	Total/NA	Solid	3050B	
240-27102-63	S-12616-071913-DN-98	Total/NA	Solid	3050B	
LCS 240-94981/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-94981/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 95075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-2	S-12616-071513-DN-37	Total/NA	Solid	6010B	94583
240-27102-3	S-12616-071513-DN-38	Total/NA	Solid	6010B	94583
240-27102-4	S-12616-071513-DN-39	Total/NA	Solid	6010B	94583
240-27102-5	S-12616-071513-DN-40	Total/NA	Solid	6010B	94583
240-27102-6	S-12616-071513-DN-41	Total/NA	Solid	6010B	94583
240-27102-7	S-12616-071513-DN-42	Total/NA	Solid	6010B	94583
240-27102-8	S-12616-071513-DN-43	Total/NA	Solid	6010B	94583
240-27102-9	S-12616-071513-DN-44	Total/NA	Solid	6010B	94583
240-27102-10	S-12616-071513-DN-45	Total/NA	Solid	6010B	94583
240-27102-11	S-12616-071513-DN-46	Total/NA	Solid	6010B	94583
240-27102-12	S-12616-071513-DN-47	Total/NA	Solid	6010B	94583
240-27102-13	S-12616-071513-DN-48	Total/NA	Solid	6010B	94583
240-27102-14	S-12616-071613-DN-49	Total/NA	Solid	6010B	94583
240-27102-15	S-12616-071613-DN-50	Total/NA	Solid	6010B	94583
240-27102-16	S-12616-071613-DN-51	Total/NA	Solid	6010B	94583

Metals (Continued)

Analysis Batch: 95075 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-18	S-12616-071613-DN-53	Total/NA	Solid	6010B	94583
240-27102-19	S-12616-071613-DN-54	Total/NA	Solid	6010B	94583
240-27102-21	S-12616-071613-DN-56	Total/NA	Solid	6010B	94590
240-27102-21 MS	S-12616-071613-DN-56	Total/NA	Solid	6010B	94590
240-27102-21 MSD	S-12616-071613-DN-56	Total/NA	Solid	6010B	94590
240-27102-22	S-12616-071613-DN-57	Total/NA	Solid	6010B	94590
240-27102-25	S-12616-071713-DN-60	Total/NA	Solid	6010B	94590
240-27102-31	S-12616-071713-DN-66	Total/NA	Solid	6010B	94590
240-27102-37	S-12616-071713-DN-72	Total/NA	Solid	6010B	94590
240-27102-41	S-12616-071813-DN-76	Total/NA	Solid	6010B	94796
240-27102-41 MS	S-12616-071813-DN-76	Total/NA	Solid	6010B	94796
240-27102-41 MSD	S-12616-071813-DN-76	Total/NA	Solid	6010B	94796
240-27102-42	S-12616-071813-DN-77	Total/NA	Solid	6010B	94796
240-27102-43	S-12616-071813-DN-78	Total/NA	Solid	6010B	94796
240-27102-44	S-12616-071813-DN-79	Total/NA	Solid	6010B	94796
240-27102-45	S-12616-071813-DN-80	Total/NA	Solid	6010B	94796
240-27102-46	S-12616-071813-DN-81	Total/NA	Solid	6010B	94796
240-27102-47	S-12616-071813-DN-82	Total/NA	Solid	6010B	94796
240-27102-48	S-12616-071813-DN-83	Total/NA	Solid	6010B	94796
240-27102-49	S-12616-071813-DN-84	Total/NA	Solid	6010B	94796
240-27102-50	S-12616-071813-DN-85	Total/NA	Solid	6010B	94796
240-27102-51	S-12616-071813-DN-86	Total/NA	Solid	6010B	94796
240-27102-52	S-12616-071813-DN-87	Total/NA	Solid	6010B	94796
240-27102-53	S-12616-071813-DN-88	Total/NA	Solid	6010B	94796
240-27102-54	S-12616-071813-DN-89	Total/NA	Solid	6010B	94796
240-27102-55	S-12616-071813-DN-90	Total/NA	Solid	6010B	94796
240-27102-56	S-12616-071913-DN-91	Total/NA	Solid	6010B	94796
240-27102-57	S-12616-071913-DN-92	Total/NA	Solid	6010B	94796
240-27102-58	S-12616-071913-DN-93	Total/NA	Solid	6010B	94796
240-27102-59	S-12616-071913-DN-94	Total/NA	Solid	6010B	94796
240-27102-60	S-12616-071913-DN-95	Total/NA	Solid	6010B	94796
LCS 240-94796/2-A	Lab Control Sample	Total/NA	Solid	6010B	94796
MB 240-94796/1-A	Method Blank	Total/NA	Solid	6010B	94796

Analysis Batch: 95415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-94981/2-A	Lab Control Sample	Total/NA	Solid	6010B	94981
MB 240-94981/1-A	Method Blank	Total/NA	Solid	6010B	94981

Analysis Batch: 95627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-49	S-12616-071813-DN-84	Total/NA	Solid	6010B	94796
240-27102-61	S-12616-071913-DN-96	Total/NA	Solid	6010B	94981
240-27102-62	S-12616-071913-DN-97	Total/NA	Solid	6010B	94981
240-27102-63	S-12616-071913-DN-98	Total/NA	Solid	6010B	94981

General Chemistry

Analysis Batch: 94667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-1	S-12616-071513-DN-36	Total/NA	Solid	Moisture	
240-27102-1 DU	S-12616-071513-DN-36	Total/NA	Solid	Moisture	
240-27102-2	S-12616-071513-DN-37	Total/NA	Solid	Moisture	
240-27102-3	S-12616-071513-DN-38	Total/NA	Solid	Moisture	
240-27102-4	S-12616-071513-DN-39	Total/NA	Solid	Moisture	
240-27102-5	S-12616-071513-DN-40	Total/NA	Solid	Moisture	
240-27102-6	S-12616-071513-DN-41	Total/NA	Solid	Moisture	
240-27102-7	S-12616-071513-DN-42	Total/NA	Solid	Moisture	
240-27102-8	S-12616-071513-DN-43	Total/NA	Solid	Moisture	
240-27102-9	S-12616-071513-DN-44	Total/NA	Solid	Moisture	
240-27102-10	S-12616-071513-DN-45	Total/NA	Solid	Moisture	
240-27102-11	S-12616-071513-DN-46	Total/NA	Solid	Moisture	
240-27102-11 DU	S-12616-071513-DN-46	Total/NA	Solid	Moisture	
240-27102-12	S-12616-071513-DN-47	Total/NA	Solid	Moisture	
240-27102-13	S-12616-071513-DN-48	Total/NA	Solid	Moisture	
240-27102-14	S-12616-071613-DN-49	Total/NA	Solid	Moisture	
240-27102-15	S-12616-071613-DN-50	Total/NA	Solid	Moisture	
240-27102-16	S-12616-071613-DN-51	Total/NA	Solid	Moisture	
240-27102-17	S-12616-071613-DN-52	Total/NA	Solid	Moisture	
240-27102-18	S-12616-071613-DN-53	Total/NA	Solid	Moisture	
240-27102-19	S-12616-071613-DN-54	Total/NA	Solid	Moisture	
240-27102-20	S-12616-071613-DN-55	Total/NA	Solid	Moisture	
240-27102-21	S-12616-071613-DN-56	Total/NA	Solid	Moisture	
240-27102-22	S-12616-071613-DN-57	Total/NA	Solid	Moisture	
240-27102-22 DU	S-12616-071613-DN-57	Total/NA	Solid	Moisture	
240-27102-23	S-12616-071613-DN-58	Total/NA	Solid	Moisture	
240-27102-24	S-12616-071613-DN-59	Total/NA	Solid	Moisture	
240-27102-25	S-12616-071713-DN-60	Total/NA	Solid	Moisture	
240-27102-26	S-12616-071713-DN-61	Total/NA	Solid	Moisture	
240-27102-27	S-12616-071713-DN-62	Total/NA	Solid	Moisture	
240-27102-28	S-12616-071713-DN-63	Total/NA	Solid	Moisture	
240-27102-29	S-12616-071713-DN-64	Total/NA	Solid	Moisture	
240-27102-30	S-12616-071713-DN-65	Total/NA	Solid	Moisture	
240-27102-31	S-12616-071713-DN-66	Total/NA	Solid	Moisture	
240-27102-31 DU	S-12616-071713-DN-66	Total/NA	Solid	Moisture	
240-27102-32	S-12616-071713-DN-67	Total/NA	Solid	Moisture	
240-27102-33	S-12616-071713-DN-68	Total/NA	Solid	Moisture	
240-27102-34	S-12616-071713-DN-69	Total/NA	Solid	Moisture	
240-27102-35	S-12616-071713-DN-70	Total/NA	Solid	Moisture	
240-27102-36	S-12616-071713-DN-71	Total/NA	Solid	Moisture	
240-27102-37	S-12616-071713-DN-72	Total/NA	Solid	Moisture	
240-27102-38	S-12616-071813-DN-73	Total/NA	Solid	Moisture	
240-27102-39	S-12616-071813-DN-74	Total/NA	Solid	Moisture	
240-27102-40	S-12616-071813-DN-75	Total/NA	Solid	Moisture	
240-27102-41	S-12616-071813-DN-76	Total/NA	Solid	Moisture	
240-27102-41 DU	S-12616-071813-DN-76	Total/NA	Solid	Moisture	
240-27102-42	S-12616-071813-DN-77	Total/NA	Solid	Moisture	
240-27102-43	S-12616-071813-DN-78	Total/NA	Solid	Moisture	
240-27102-44	S-12616-071813-DN-79	Total/NA	Solid	Moisture	
240-27102-45	S-12616-071813-DN-80	Total/NA	Solid	Moisture	
240-27102-46	S-12616-071813-DN-81	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 94667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27102-47	S-12616-071813-DN-82	Total/NA	Solid	Moisture	
240-27102-48	S-12616-071813-DN-83	Total/NA	Solid	Moisture	
240-27102-49	S-12616-071813-DN-84	Total/NA	Solid	Moisture	
240-27102-50	S-12616-071813-DN-85	Total/NA	Solid	Moisture	
240-27102-51	S-12616-071813-DN-86	Total/NA	Solid	Moisture	
240-27102-52	S-12616-071813-DN-87	Total/NA	Solid	Moisture	
240-27102-52 DU	S-12616-071813-DN-87	Total/NA	Solid	Moisture	
240-27102-53	S-12616-071813-DN-88	Total/NA	Solid	Moisture	
240-27102-54	S-12616-071813-DN-89	Total/NA	Solid	Moisture	
240-27102-55	S-12616-071813-DN-90	Total/NA	Solid	Moisture	
240-27102-56	S-12616-071913-DN-91	Total/NA	Solid	Moisture	
240-27102-57	S-12616-071913-DN-92	Total/NA	Solid	Moisture	
240-27102-58	S-12616-071913-DN-93	Total/NA	Solid	Moisture	
240-27102-59	S-12616-071913-DN-94	Total/NA	Solid	Moisture	
240-27102-60	S-12616-071913-DN-95	Total/NA	Solid	Moisture	
240-27102-61	S-12616-071913-DN-96	Total/NA	Solid	Moisture	
240-27102-61 DU	S-12616-071913-DN-96	Total/NA	Solid	Moisture	
240-27102-62	S-12616-071913-DN-97	Total/NA	Solid	Moisture	
240-27102-63	S-12616-071913-DN-98	Total/NA	Solid	Moisture	

Client Sample ID: S-12616-071513-DN-36

Lab Sample ID: 240-27102-1

Date Collected: 07/15/13 09:05

Matrix: Solid

Date Received: 07/20/13 10:30

Percent Solids: 38.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94904	07/24/13 18:26	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-37

Lab Sample ID: 240-27102-2

Date Collected: 07/15/13 09:20

Matrix: Solid

Date Received: 07/20/13 10:30

Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 18:37	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		10	95075	07/25/13 15:09	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-38

Lab Sample ID: 240-27102-3

Date Collected: 07/15/13 09:55

Matrix: Solid

Date Received: 07/20/13 10:30

Percent Solids: 74.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 18:45	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		50	95075	07/25/13 15:17	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-39

Lab Sample ID: 240-27102-4

Date Collected: 07/15/13 10:45

Matrix: Solid

Date Received: 07/20/13 10:30

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 18:49	KLC	TAL CAN
Total/NA	Analysis	6010B		10	95075	07/25/13 15:20	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-40

Lab Sample ID: 240-27102-5

Date Collected: 07/15/13 11:05

Matrix: Solid

Date Received: 07/20/13 10:30

Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 18:54	KLC	TAL CAN
Total/NA	Analysis	6010B		10	94904	07/24/13 19:06	KLC	TAL CAN

Client Sample ID: S-12616-071513-DN-40

Lab Sample ID: 240-27102-5

Date Collected: 07/15/13 11:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		50	95075	07/25/13 15:32	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-41

Lab Sample ID: 240-27102-6

Date Collected: 07/15/13 11:45
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 19:10	KLC	TAL CAN
Total/NA	Analysis	6010B		50	95075	07/25/13 15:36	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-42

Lab Sample ID: 240-27102-7

Date Collected: 07/15/13 12:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 73.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 19:18	KLC	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 15:40	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-43

Lab Sample ID: 240-27102-8

Date Collected: 07/15/13 12:45
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 69.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 19:22	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 15:44	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-44

Lab Sample ID: 240-27102-9

Date Collected: 07/15/13 12:55
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 70.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 19:27	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 15:48	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-45

Lab Sample ID: 240-27102-10

Date Collected: 07/15/13 13:00
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 19:31	KLC	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 15:52	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:32	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-46

Lab Sample ID: 240-27102-11

Date Collected: 07/15/13 14:15
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 68.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 19:36	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 15:55	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-47

Lab Sample ID: 240-27102-12

Date Collected: 07/15/13 15:30
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 19:40	KLC	TAL CAN
Total/NA	Analysis	6010B		5	95075	07/25/13 15:59	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071513-DN-48

Lab Sample ID: 240-27102-13

Date Collected: 07/15/13 16:45
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 19:45	KLC	TAL CAN
Total/NA	Analysis	6010B		5	95075	07/25/13 16:03	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-49

Lab Sample ID: 240-27102-14

Date Collected: 07/16/13 13:25
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 19:57	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071613-DN-49

Lab Sample ID: 240-27102-14
Date Collected: 07/16/13 13:25
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	95075	07/25/13 16:07	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-50

Lab Sample ID: 240-27102-15
Date Collected: 07/16/13 14:00
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 20:01	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		5	95075	07/25/13 16:19	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-51

Lab Sample ID: 240-27102-16
Date Collected: 07/16/13 14:30
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 20:05	KLC	TAL CAN
Total/NA	Analysis	6010B		20	95075	07/25/13 16:23	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-52

Lab Sample ID: 240-27102-17
Date Collected: 07/16/13 14:50
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 20:09	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-53

Lab Sample ID: 240-27102-18
Date Collected: 07/16/13 15:35
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 20:13	KLC	TAL CAN
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		5	95075	07/25/13 16:26	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-54

Lab Sample ID: 240-27102-19

Date Collected: 07/16/13 15:50
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 20:18	KLC	TAL CAN
Total/NA	Analysis	6010B		10	95075	07/25/13 16:30	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-55

Lab Sample ID: 240-27102-20

Date Collected: 07/16/13 16:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94583	07/23/13 09:16	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 20:22	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:41	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-56

Lab Sample ID: 240-27102-21

Date Collected: 07/16/13 16:50
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 20:34	KLC	TAL CAN
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 16:34	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-57

Lab Sample ID: 240-27102-22

Date Collected: 07/16/13 17:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 71.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	94904	07/24/13 20:54	KLC	TAL CAN
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 16:46	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-58

Lab Sample ID: 240-27102-23

Date Collected: 07/16/13 17:20
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 20:58	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071613-DN-59

Lab Sample ID: 240-27102-24

Date Collected: 07/16/13 17:35
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 21:02	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-60

Lab Sample ID: 240-27102-25

Date Collected: 07/17/13 10:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 21:10	KLC	TAL CAN
Total/NA	Analysis	6010B		5	95075	07/25/13 16:50	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-61

Lab Sample ID: 240-27102-26

Date Collected: 07/17/13 10:40
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 74.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		20	94904	07/24/13 21:14	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-62

Lab Sample ID: 240-27102-27

Date Collected: 07/17/13 11:00
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 54.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94904	07/24/13 21:18	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-63

Lab Sample ID: 240-27102-28

Date Collected: 07/17/13 11:20
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 70.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		20	94904	07/24/13 21:22	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-64

Lab Sample ID: 240-27102-29

Date Collected: 07/17/13 11:50
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 43.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94904	07/24/13 21:34	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-65

Lab Sample ID: 240-27102-30

Date Collected: 07/17/13 12:30
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 68.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		100	94904	07/24/13 21:38	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 13:44	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-66

Lab Sample ID: 240-27102-31

Date Collected: 07/17/13 13:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 63.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		20	94904	07/24/13 21:41	KLC	TAL CAN
Total/NA	Analysis	6010B		100	95075	07/25/13 16:54	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-67

Lab Sample ID: 240-27102-32

Date Collected: 07/17/13 14:20
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 21:45	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-68

Lab Sample ID: 240-27102-33

Date Collected: 07/17/13 14:40
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 21:49	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-69

Lab Sample ID: 240-27102-34

Date Collected: 07/17/13 15:00
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 21:54	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-70

Lab Sample ID: 240-27102-35

Date Collected: 07/17/13 15:15
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 21:58	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-71

Lab Sample ID: 240-27102-36

Date Collected: 07/17/13 15:30
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 22:02	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071713-DN-72

Lab Sample ID: 240-27102-37

Date Collected: 07/17/13 16:45
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 51.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 22:06	KLC	TAL CAN
Total/NA	Analysis	6010B		5	95075	07/25/13 17:05	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-73

Lab Sample ID: 240-27102-38

Date Collected: 07/18/13 09:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 22:10	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-74

Lab Sample ID: 240-27102-39

Date Collected: 07/18/13 10:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 22:22	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-75

Lab Sample ID: 240-27102-40

Date Collected: 07/18/13 10:55
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94590	07/23/13 09:42	DEE	TAL CAN
Total/NA	Analysis	6010B		1	94904	07/24/13 22:26	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:22	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-76

Lab Sample ID: 240-27102-41

Date Collected: 07/18/13 11:40
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 19:31	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-77

Lab Sample ID: 240-27102-42

Date Collected: 07/18/13 12:40
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 19:46	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-78

Lab Sample ID: 240-27102-43

Date Collected: 07/18/13 13:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 19:50	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-79

Lab Sample ID: 240-27102-44

Date Collected: 07/18/13 14:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 19:54	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-80

Lab Sample ID: 240-27102-45

Date Collected: 07/18/13 14:40
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 19:59	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-81

Lab Sample ID: 240-27102-46

Date Collected: 07/18/13 14:55
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:03	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-82

Lab Sample ID: 240-27102-47

Date Collected: 07/18/13 15:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:15	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-83

Lab Sample ID: 240-27102-48

Date Collected: 07/18/13 15:25
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:19	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-84

Lab Sample ID: 240-27102-49

Date Collected: 07/18/13 15:45
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:23	KLC	TAL CAN
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		5	95627	07/30/13 15:02	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-85

Lab Sample ID: 240-27102-50

Date Collected: 07/18/13 16:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:27	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:25	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-86

Lab Sample ID: 240-27102-51

Date Collected: 07/18/13 16:15
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:31	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-87

Lab Sample ID: 240-27102-52

Date Collected: 07/18/13 16:25
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 37.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		20	95075	07/25/13 20:36	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-88

Lab Sample ID: 240-27102-53

Date Collected: 07/18/13 16:30
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 34.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		20	95075	07/25/13 20:43	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-89

Lab Sample ID: 240-27102-54

Date Collected: 07/18/13 16:35
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 20:51	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071813-DN-90

Lab Sample ID: 240-27102-55

Date Collected: 07/18/13 16:40
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 55.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		20	95075	07/25/13 21:03	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-91

Lab Sample ID: 240-27102-56

Date Collected: 07/19/13 10:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 21:07	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-92

Lab Sample ID: 240-27102-57

Date Collected: 07/19/13 10:55
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 21:11	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-93

Lab Sample ID: 240-27102-58

Date Collected: 07/19/13 12:15
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		1	95075	07/25/13 21:15	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Client Sample ID: S-12616-071913-DN-94

Lab Sample ID: 240-27102-59

Date Collected: 07/19/13 13:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 68.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		10	95075	07/25/13 21:19	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-95

Lab Sample ID: 240-27102-60

Date Collected: 07/19/13 14:20
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 54.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94796	07/24/13 10:17	DEE	TAL CAN
Total/NA	Analysis	6010B		10	95075	07/25/13 21:23	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:29	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-96

Lab Sample ID: 240-27102-61

Date Collected: 07/19/13 15:05
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 70.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94981	07/25/13 10:20	DEE	TAL CAN
Total/NA	Analysis	6010B		10	95627	07/30/13 14:38	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:30	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-97

Lab Sample ID: 240-27102-62

Date Collected: 07/19/13 16:10
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 32.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94981	07/25/13 10:20	DEE	TAL CAN
Total/NA	Analysis	6010B		10	95627	07/30/13 14:44	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:30	NJE	TAL CAN

Client Sample ID: S-12616-071913-DN-98

Lab Sample ID: 240-27102-63

Date Collected: 07/19/13 16:55
Matrix: Solid
Date Received: 07/20/13 10:30
Percent Solids: 35.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			94981	07/25/13 10:20	DEE	TAL CAN
Total/NA	Analysis	6010B		5	95627	07/30/13 14:50	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	94667	07/23/13 14:30	NJE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-005, Racer Elyria

TestAmerica Job ID: 240-27102-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-13 *
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-31-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-13

* Expired certification is currently pending renewal and is considered valid.

Chain of Custody Record

240-27102 Chain of Custody

64778

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page / of
CRA	A. LaVine	7-20-13	Page 1 of 4

Address	Telephone Number (Area Code)/Fax Number	Lab Location
1805 E. Perkins	419-609-1339	N. Canton, OH

City	State	Zip Code	Site Contact
Sandusky	OH	44870	D. Newton

Project Number/Name	Carrier/Waybill Number
12616-TO2	CRA Courier

Contract/Purchase Order/Quote Number

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	Analysis: Methyl Mercury
S-12616-071513-DN-36	7-15-13	0905	Soil						X
37		0940							X
38		0955							X
39		1045							X
40		1105							X
41		1145							X
42		1210							X
43		1245							X
44		1255							X
45		1300							X
46		1315							X
47		1530							X
48		1545							X
S-12616-071613-DN-49	7-16-13	1325							X
50		1400							X
51		1430							X

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7-20-13	1030	1. Received By:	7-20-13	1030
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

64779

TAL-4149 (1007)

Client	Project Manager	Date	Page 2 of 4
CRA	A. LaVire	7-20-13	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
1805 E. Perkins	419-609-1339	N. Canton, OH	
City / State / Zip Code	**Site Contact**		
Sandusky / OH / 44870	D. Newton		
Project Number/Name	**Carrier/Waybill Number**		
12616-TO2	CRA Courier		
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-071613-DN-52	7-16-13	1450	SOIL						X
53		1535							X
54		1550							X
55		1610							X
56		1650							X
57		1705							X
58		1720							X
59		1735							X
S-12616-071713-DN-60	7-17-13	1005							X
61		1040							X
62		1100							X
63		1120							X
64		1150							X
65		1230							X
66		1305							X
67		1420							X

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: D. Newton	7-20-13	1830	1. Received By: [signature]	7-20-13	1030
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample: CANARY - Returned to Client with Report: PINK - Field Copy

7/31/2013

Chain of Custody Record

64783

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page 3 of 4
CRA	A. LaVine	7-20-13	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
1805 E. Perkins	419-609-1339	N. Canton, OH	
City / State / Zip Code	**Site Contact**		
Sandusky / OH / 44870	D. Newton		
Project Number/Name	**Carrier/Waybill Number**		
12616-TO2	CRA Courier		
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-071713-DN-68	7-17-13	1440	Soil						X
69		1500							X
70		1515							X
71		1530							X
72		1645							X
S-12616-071813-DN-73	7-18-13	0910							X
74		1005							X
75		1055							X
76		1140							X
77		1240							X
78		1310							X
79		1410							X
80		1440							X
81		1455							X
82		1510							X
83		1525							X

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7-20-13	1030	1. Received By:	7-20-13	1030
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

[redacted]

Chain of Custody Record

64782

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page / of
CRA	A. LaVine	7-20-13	Page 4 of 4
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
1805 E. Perkins	419-609-1339	N. Canton, OH	
City / State / Zip Code	**Site Contact**		
Sandusky / OH / 44870	D. Newton		
Project Number/Name	**Carrier/Waybill Number**		
12616-T02	CRA Courier		
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-071813-DN-84	7-18-13	1545	Soil						X
85		1605							X
86		1615							X
87		1625							X
88		1630							X
89		1635							X
90		1640							X
S-12616-071913-DN- 91	7-19-13	1010							X
92		1055							X
93		1215							X
94		1310							X
95		1420							X
96		1505							X
97		1610							X
98		1655							X
									[redacted]

Special Instructions

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
☒ Normal ☐ Rush ☐ Other _____

QC Level
☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	7-20-13	1030	1. Received By: [signature]	7-20-13	1030
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 27102**
Canton Facility

Client CRA Site Name 12616

Cooler unpacked by:

Cooler Received on 7/20/13 Opened on 7-22-13

FedEx: 1st Grd Exp UPS FAS Stetson ~~Client Drop Off~~ TestAmerica Courier Other

TestAmerica Cooler # FW5 Foam Box Client Cooler Box Other

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF –1 °C) Observed Cooler Temp. 22.4 °C	Corrected Cooler Temp. 21.4 °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF 0 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	
IR GUN# 5	(CF +1 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	
IR GUN# 8	(CF -0 °C) Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C	

2. Were custody seals on the outside of the cooler(s)?	If Yes Quantity ____	Yes (No)
-Were custody seals on the outside of the cooler(s) signed & dated?		Yes No (NA)
-Were custody seals on the bottle(s)?		Yes (No)
3. Shippers' packing slip attached to the cooler(s)?		(Yes) No
4. Did custody papers accompany the sample(s)?		(Yes) No
5. Were the custody papers relinquished & signed in the appropriate place?		(Yes) No
6. Did all bottles arrive in good condition (Unbroken)?		(Yes) No
7. Could all bottle labels be reconciled with the COC?		(Yes) No
8. Were correct bottle(s) used for the test(s) indicated?		(Yes) No
9. Sufficient quantity received to perform indicated analyses?		(Yes) No
10. Were sample(s) at the correct pH upon receipt?		Yes No (NA) pH Strip Lot# HC376062
11. Were VOAs on the COC?		Yes (No)
12. Were air bubbles >6 mm in any VOA vials?		Yes No (NA)
13. Was a trip blank present in the cooler(s)?		Yes (No)

Contacted PM DOH Date 7/20/13 by TB via Verbal (Voice Mail) Other

Concerning temp

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-2718-1
Client Project/Site: 12616, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
09/09/2011 03:56:34 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-2718-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616, Racer Elyria

Report Number: 240-2718-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

On September 1, 2011, CRA added metals to sample S-12616-080911-DN-27. A revised chain of custody was not provided. This addition extended the due date.

RECEIPT

The samples were received on 08/10/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.7 and 4.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-13 (240-2718-13), S-12616-080911-DN-16 (240-2718-16), S-12616-080911-DN-19 (240-2718-19), S-12616-080911-DN-20 (240-2718-20), S-12616-080911-DN-22 (240-2718-22) and S-12616-080911-DN-27 (240-2718-27) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/11/2011 and 08/12/2011.

The following sample(s) was preserved outside the 48 hour timeframe required for samples collected in Encores: S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-13 (240-2718-13).

1,2,4-Trichlorobenzene, Carbon disulfide and Methylene Chloride were detected in method blank MB 240-11842/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Job ID: 240-2718-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batch 11562 on this sample S-12616-080811-DN-05 (240-2718-5).

Insufficient sample volume was provided to perform matrix spike/matrix spike duplicate (MS/MSD) for batch 11842 on these samples S-12616-080911-DN-27 (240-2718-27).

Chloroethane failed the recovery criteria low for LCS 240-11628/5.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-13 (240-2718-13), S-12616-080911-DN-16 (240-2718-16), S-12616-080911-DN-19 (240-2718-19), S-12616-080911-DN-20 (240-2718-20), S-12616-080911-DN-22 (240-2718-22) and S-12616-080911-DN-27 (240-2718-27) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 08/23/2011, 08/24/2011 and 08/29/2011.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Samples S-12616-080811-DN-05 (240-2718-5)[10X], S-12616-080811-DN-13 (240-2718-13)[10X], S-12616-080911-DN-16 (240-2718-16)[2X] and S-12616-080911-DN-27 (240-2718-27)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly. The surrogates are to be considered diluted out.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)

Samples S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-02 (240-2718-2), S-12616-080811-DN-03 (240-2718-3), S-12616-080811-DN-04 (240-2718-4), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-06 (240-2718-6), S-12616-080811-DN-07 (240-2718-7), S-12616-080811-DN-08 (240-2718-8), S-12616-080811-DN-09 (240-2718-9), S-12616-080811-DN-10 (240-2718-10), S-12616-080811-DN-11 (240-2718-11), S-12616-080811-DN-12 (240-2718-12), S-12616-080811-DN-13 (240-2718-13), S-12616-080911-DN-14 (240-2718-14), S-12616-080911-DN-15 (240-2718-15), S-12616-080911-DN-16 (240-2718-16), S-12616-080911-DN-17 (240-2718-17), S-12616-080911-DN-19 (240-2718-19), S-12616-080911-DN-20 (240-2718-20), S-12616-080911-DN-21 (240-2718-21), S-12616-080911-DN-22 (240-2718-22), S-12616-080911-DN-23 (240-2718-23), S-12616-080911-DN-24 (240-2718-24), S-12616-080911-DN-25 (240-2718-25), S-12616-080911-DN-26 (240-2718-26), S-12616-080911-DN-27 (240-2718-27), S-12616-080911-DN-28 (240-2718-28), S-12616-080911-DN-29 (240-2718-29) and S-12616-080911-DN-30 (240-2718-30) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 08/12/2011, 08/15/2011 and 09/02/2011.

Iron was detected in method blank MB 240-11637/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Several analytes were detected in method blank MB 240-11637/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Several analytes were detected in method blank MB 240-11651/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Several analytes were detected in method blank MB 240-14068/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Several analytes failed the recovery criteria for the MS/MSD of sample S-12616-080911-DN-16 (240-2718-16) in batch 240-11939.

Several analytes failed the recovery criteria for the MS/MSD of sample S-12616-080911-DN-30 (240-2718-30) in batch 240-11939.

Job ID: 240-2718-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

Samples S-12616-080811-DN-01 (240-2718-1)[5X], S-12616-080811-DN-03 (240-2718-3)[50X], S-12616-080811-DN-06 (240-2718-6) [5X], S-12616-080811-DN-08 (240-2718-8)[5X], S-12616-080811-DN-11 (240-2718-11)[20X], S-12616-080811-DN-12 (240-2718-12)[5X], S-12616-080811-DN-13 (240-2718-13)[5X], S-12616-080911-DN-22 (240-2718-22)[5X] and S-12616-080911-DN-27 (240-2718-27)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Zinc was detected in method blank MB 240-11541/1-B at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Several analytes were detected in method blank MB 240-11541/1-B at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-02 (240-2718-2), S-12616-080811-DN-03 (240-2718-3), S-12616-080811-DN-04 (240-2718-4), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-06 (240-2718-6), S-12616-080811-DN-07 (240-2718-7), S-12616-080811-DN-08 (240-2718-8), S-12616-080811-DN-09 (240-2718-9), S-12616-080811-DN-10 (240-2718-10), S-12616-080811-DN-11 (240-2718-11), S-12616-080811-DN-12 (240-2718-12), S-12616-080811-DN-13 (240-2718-13), S-12616-080911-DN-14 (240-2718-14), S-12616-080911-DN-15 (240-2718-15), S-12616-080911-DN-16 (240-2718-16), S-12616-080911-DN-17 (240-2718-17), S-12616-080911-DN-19 (240-2718-19), S-12616-080911-DN-20 (240-2718-20), S-12616-080911-DN-21 (240-2718-21), S-12616-080911-DN-22 (240-2718-22), S-12616-080911-DN-23 (240-2718-23), S-12616-080911-DN-24 (240-2718-24), S-12616-080911-DN-25 (240-2718-25), S-12616-080911-DN-26 (240-2718-26), S-12616-080911-DN-27 (240-2718-27), S-12616-080911-DN-28 (240-2718-28), S-12616-080911-DN-29 (240-2718-29) and S-12616-080911-DN-30 (240-2718-30) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were analyzed on 08/12/2011 and 09/02/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-02 (240-2718-2), S-12616-080811-DN-03 (240-2718-3), S-12616-080811-DN-04 (240-2718-4), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-06 (240-2718-6), S-12616-080811-DN-07 (240-2718-7), S-12616-080811-DN-08 (240-2718-8), S-12616-080811-DN-09 (240-2718-9), S-12616-080811-DN-10 (240-2718-10), S-12616-080811-DN-11 (240-2718-11), S-12616-080811-DN-12 (240-2718-12), S-12616-080811-DN-13 (240-2718-13), S-12616-080911-DN-14 (240-2718-14), S-12616-080911-DN-15 (240-2718-15), S-12616-080911-DN-16 (240-2718-16), S-12616-080911-DN-17 (240-2718-17), S-12616-080911-DN-19 (240-2718-19), S-12616-080911-DN-20 (240-2718-20), S-12616-080911-DN-21 (240-2718-21), S-12616-080911-DN-22 (240-2718-22), S-12616-080911-DN-23 (240-2718-23), S-12616-080911-DN-24 (240-2718-24), S-12616-080911-DN-25 (240-2718-25), S-12616-080911-DN-26 (240-2718-26), S-12616-080911-DN-27 (240-2718-27), S-12616-080911-DN-28 (240-2718-28), S-12616-080911-DN-29 (240-2718-29) and S-12616-080911-DN-30 (240-2718-30) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 3060A/7196A. The samples were analyzed on 08/16/2011, 08/19/2011 and 09/02/2011.

RB-080811-01 was analyzed past the 24 hour holding time for hexavalent chromium. The sample was received past hold.

No difficulties were encountered during the hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE

Samples S-12616-080811-DN-01 (240-2718-1), S-12616-080811-DN-02 (240-2718-2), S-12616-080811-DN-03 (240-2718-3), S-12616-080811-DN-04 (240-2718-4), S-12616-080811-DN-05 (240-2718-5), S-12616-080811-DN-06 (240-2718-6), S-12616-080811-DN-07 (240-2718-7), S-12616-080811-DN-08 (240-2718-8), S-12616-080811-DN-09 (240-2718-9),

Job ID: 240-2718-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

S-12616-080811-DN-10 (240-2718-10), S-12616-080811-DN-11 (240-2718-11), S-12616-080811-DN-12 (240-2718-12), S-12616-080811-DN-13 (240-2718-13), S-12616-080911-DN-14 (240-2718-14), S-12616-080911-DN-15 (240-2718-15), S-12616-080911-DN-16 (240-2718-16), S-12616-080911-DN-17 (240-2718-17), S-12616-080911-DN-19 (240-2718-19), S-12616-080911-DN-20 (240-2718-20), S-12616-080911-DN-21 (240-2718-21), S-12616-080911-DN-22 (240-2718-22), S-12616-080911-DN-23 (240-2718-23), S-12616-080911-DN-24 (240-2718-24), S-12616-080911-DN-25 (240-2718-25), S-12616-080911-DN-26 (240-2718-26), S-12616-080911-DN-27 (240-2718-27), S-12616-080911-DN-28 (240-2718-28), S-12616-080911-DN-29 (240-2718-29) and S-12616-080911-DN-30 (240-2718-30) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were analyzed on 08/11/2011, 08/16/2011, 08/18/2011, 08/22/2011 and 09/07/2011.

Due to analyst error, the following sample for Cyanide was performed outside of the analytical holding time: S-12616-080911-DN-27 (240-2718-27).

Cyanide, Total was detected in method blank MB 240-12163/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Cyanide, Total was detected in method blank MB 240-14532/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Cyanide, Total failed the recovery criteria low for the MS/MSD of sample S-12616-080911-DN-30 (240-2718-30) in batch 240-12239.

Sample S-12616-080911-DN-27 (240-2718-27)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
7471A	Mercury (CVAA)	SW846	TAL NC
7196A	Chromium, Hexavalent	SW846	TAL NC
9012A	Cyanide, Total and/or Amenable	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-2718-1	S-12616-080811-DN-01	Solid	08/08/11 11:50	08/10/11 13:59
240-2718-2	S-12616-080811-DN-02	Solid	08/08/11 12:20	08/10/11 13:59
240-2718-3	S-12616-080811-DN-03	Solid	08/08/11 12:55	08/10/11 13:59
240-2718-4	S-12616-080811-DN-04	Solid	08/08/11 13:20	08/10/11 13:59
240-2718-5	S-12616-080811-DN-05	Solid	08/08/11 14:10	08/10/11 13:59
240-2718-6	S-12616-080811-DN-06	Solid	08/08/11 14:55	08/10/11 13:59
240-2718-7	S-12616-080811-DN-07	Solid	08/08/11 15:40	08/10/11 13:59
240-2718-8	S-12616-080811-DN-08	Solid	08/08/11 16:00	08/10/11 13:59
240-2718-9	S-12616-080811-DN-09	Solid	08/08/11 16:45	08/10/11 13:59
240-2718-10	S-12616-080811-DN-10	Solid	08/08/11 17:00	08/10/11 13:59
240-2718-11	S-12616-080811-DN-11	Solid	08/08/11 18:05	08/10/11 13:59
240-2718-12	S-12616-080811-DN-12	Solid	08/08/11 18:20	08/10/11 13:59
240-2718-13	S-12616-080811-DN-13	Solid	08/08/11 18:35	08/10/11 13:59
240-2718-14	S-12616-080911-DN-14	Solid	08/09/11 08:55	08/10/11 13:59
240-2718-15	S-12616-080911-DN-15	Solid	08/09/11 09:05	08/10/11 13:59
240-2718-16	S-12616-080911-DN-16	Solid	08/09/11 09:15	08/10/11 13:59
240-2718-17	S-12616-080911-DN-17	Solid	08/09/11 09:25	08/10/11 13:59
240-2718-18	S-12616-080911-DN-18	Solid	08/09/11 10:15	08/10/11 13:59
240-2718-19	S-12616-080911-DN-19	Solid	08/09/11 10:25	08/10/11 13:59
240-2718-20	S-12616-080911-DN-20	Solid	08/09/11 11:40	08/10/11 13:59
240-2718-21	S-12616-080911-DN-21	Solid	08/09/11 11:50	08/10/11 13:59
240-2718-22	S-12616-080911-DN-22	Solid	08/09/11 12:00	08/10/11 13:59
240-2718-23	S-12616-080911-DN-23	Solid	08/09/11 12:10	08/10/11 13:59
240-2718-24	S-12616-080911-DN-24	Solid	08/09/11 12:30	08/10/11 13:59
240-2718-25	S-12616-080911-DN-25	Solid	08/09/11 13:00	08/10/11 13:59
240-2718-26	S-12616-080911-DN-26	Solid	08/09/11 13:10	08/10/11 13:59
240-2718-27	S-12616-080911-DN-27	Solid	08/09/11 14:50	08/10/11 13:59
240-2718-28	S-12616-080911-DN-28	Solid	08/09/11 15:10	08/10/11 13:59
240-2718-29	S-12616-080911-DN-29	Solid	08/09/11 15:25	08/10/11 13:59
240-2718-30	S-12616-080911-DN-30	Solid	08/09/11 15:35	08/10/11 13:59
240-2718-31	RB-080811-01	Water	08/08/11 18:45	08/10/11 13:59
240-2718-32	RB-080911-01	Water	08/09/11 18:15	08/10/11 13:59

Client Sample ID: S-12616-080811-DN-01 — Lab Sample ID: 240-2718-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22	H	22	7.0	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	2.7	J H	5.5	0.49	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	2.5	J H	5.5	0.74	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	0.64	J H	22	0.60	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	8.2	J	8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	13		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	10		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	20		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	9.5		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	7.8	J	8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	1700		62	24	ug/Kg	1	☼	8270C	Total/NA
Chrysene	19		8.3	1.4	ug/Kg	1	☼	8270C	Total/NA
Di-n-butyl phthalate	19	J	62	19	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	36		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	6.9	J	8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	5.8	J	8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	16		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Pyrene	28		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Aluminum	29000		22	11	mg/Kg	1	☼	6010B	Total/NA
Barium	250	B	22	0.080	mg/Kg	1	☼	6010B	Total/NA
Beryllium	5.7		0.56	0.048	mg/Kg	1	☼	6010B	Total/NA
Calcium	250000	B	2800	90	mg/Kg	5	☼	6010B	Total/NA
Cobalt	1.0	J	5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	7.3	B	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	1.7	J	2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Iron	4000	B	11	5.5	mg/Kg	1	☼	6010B	Total/NA
Potassium	870	B	560	7.0	mg/Kg	1	☼	6010B	Total/NA
Magnesium	34000		560	5.7	mg/Kg	1	☼	6010B	Total/NA
Manganese	2400	B	1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Sodium	1100		560	74	mg/Kg	1	☼	6010B	Total/NA
Nickel	0.78	J	4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	5.0	J	5.6	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	3.4		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.4		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	1.3		0.34	0.21	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.5		0.56	0.51	mg/Kg	1	☼	6010B	Total/NA
Thallium	2.6		1.1	0.62	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080811-DN-02 — Lab Sample ID: 240-2718-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	4500		23	11	mg/Kg	1	☼	6010B	Total/NA
Barium	28	B	23	0.081	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.15	J	0.57	0.049	mg/Kg	1	☼	6010B	Total/NA
Calcium	1600	B	570	18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.30		0.23	0.041	mg/Kg	1	☼	6010B	Total/NA
Cobalt	6.0		5.7	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.0	B	1.1	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	16		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Iron	15000	B	11	5.6	mg/Kg	1	☼	6010B	Total/NA
Potassium	510	J B	570	7.1	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1200		570	5.8	mg/Kg	1	☼	6010B	Total/NA
Manganese	180	B	1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Silver	0.18	J	0.57	0.11	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080811-DN-02 (Continued)

Lab Sample ID: 240-2718-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	120	J	570	76	mg/Kg	1	☼	6010B	Total/NA
Nickel	16		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Vanadium	15		5.7	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	47		2.3	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	7.3		0.34	0.22	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.019	J	0.11	0.016	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	0.79	J	0.93	0.31	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.12	J	0.60	0.12	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-03

Lab Sample ID: 240-2718-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9500		24	11	mg/Kg	1	☼	6010B	Total/NA
Antimony	2.1		1.2	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	420	B	24	0.084	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.18	J	0.59	0.051	mg/Kg	1	☼	6010B	Total/NA
Calcium	16000	B	590	19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	2.9		0.24	0.042	mg/Kg	1	☼	6010B	Total/NA
Cobalt	16		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	1200	B	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	26000		150	44	mg/Kg	50	☼	6010B	Total/NA
Iron	59000	B	12	5.8	mg/Kg	1	☼	6010B	Total/NA
Potassium	760	B	590	7.3	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4700		590	6.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	480	B	1.8	0.087	mg/Kg	1	☼	6010B	Total/NA
Silver	1.2		0.59	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	2400		590	78	mg/Kg	1	☼	6010B	Total/NA
Nickel	3000		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	19		5.9	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	36000		120	59	mg/Kg	50	☼	6010B	Total/NA
Arsenic	11		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	530		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.79	J	1.2	0.65	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.14		0.12	0.018	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	1.1		1.1	0.37	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.36	J	0.65	0.13	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-04

Lab Sample ID: 240-2718-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8200		24	11	mg/Kg	1	☼	6010B	Total/NA
Barium	63	B	24	0.085	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.29	J	0.60	0.051	mg/Kg	1	☼	6010B	Total/NA
Calcium	3800	B	600	19	mg/Kg	1	☼	6010B	Total/NA
Cobalt	6.3		6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	31	B	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	190		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Iron	19000	B	12	5.8	mg/Kg	1	☼	6010B	Total/NA
Potassium	1000	B	600	7.4	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2700		600	6.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	230	B	1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	54		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	22		6.0	0.14	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080811-DN-04 (Continued)

Lab Sample ID: 240-2718-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	260		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.3		1.2	0.36	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.36	0.23	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.74	J	1.2	0.66	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.030	J	0.085	0.013	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	1.4		0.97	0.33	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080811-DN-05

Lab Sample ID: 240-2718-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	50	J H	270	13	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	260	J H	270	5.8	ug/Kg	1	☼	8260B	Total/NA
Toluene	120	J H	270	18	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	25	J H	270	10	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	2000	H	540	8.7	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	53	J H	270	7.0	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	72	J H	540	27	ug/Kg	1	☼	8260B	Total/NA
1,2,4-Trichlorobenzene	16	J H	270	7.9	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	230	J H	540	13	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	260	J	620	240	ug/Kg	10	☼	8270C	Total/NA
Aluminum	9900		24	11	mg/Kg	1	☼	6010B	Total/NA
Barium	93	B	24	0.085	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.45	J	0.60	0.051	mg/Kg	1	☼	6010B	Total/NA
Calcium	2500	B	600	19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.11	J	0.24	0.043	mg/Kg	1	☼	6010B	Total/NA
Cobalt	6.3		6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	15	B	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	66		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Iron	18000	B	12	5.9	mg/Kg	1	☼	6010B	Total/NA
Potassium	940	B	600	7.4	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2300		600	6.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	160	B	1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Sodium	120	J	600	79	mg/Kg	1	☼	6010B	Total/NA
Nickel	23		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	21		6.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	110		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	4.9		1.2	0.36	mg/Kg	1	☼	6010B	Total/NA
Lead	16		0.36	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.046	J	0.10	0.015	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	0.25	J	0.61	0.12	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-06

Lab Sample ID: 240-2718-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	5800		25	12	mg/Kg	1	☼	6010B	Total/NA
Antimony	1.6		1.2	0.49	mg/Kg	1	☼	6010B	Total/NA
Barium	67	B	25	0.089	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.16	J	0.62	0.054	mg/Kg	1	☼	6010B	Total/NA
Calcium	4300	B	620	20	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.44		0.25	0.045	mg/Kg	1	☼	6010B	Total/NA
Cobalt	13		6.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Chromium	170	B	1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Copper	4300		16	4.6	mg/Kg	5	☼	6010B	Total/NA
Iron	29000	B	12	6.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080811-DN-06 (Continued)

Lab Sample ID: 240-2718-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	720	B	620	7.7	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2300		620	6.4	mg/Kg	1	☼	6010B	Total/NA
Manganese	260	B	1.9	0.092	mg/Kg	1	☼	6010B	Total/NA
Silver	0.92		0.62	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	390	J	620	82	mg/Kg	1	☼	6010B	Total/NA
Nickel	1600		5.0	0.34	mg/Kg	1	☼	6010B	Total/NA
Vanadium	15		6.2	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	4400		12	6.2	mg/Kg	5	☼	6010B	Total/NA
Arsenic	8.5		1.2	0.37	mg/Kg	1	☼	6010B	Total/NA
Lead	140		0.37	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.13		0.12	0.019	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	1.0		1.0	0.35	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.5		0.61	0.12	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-07

Lab Sample ID: 240-2718-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7400		22	10	mg/Kg	1	☼	6010B	Total/NA
Barium	94	B	22	0.076	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.44	J	0.54	0.046	mg/Kg	1	☼	6010B	Total/NA
Calcium	1800	B	540	17	mg/Kg	1	☼	6010B	Total/NA
Cobalt	9.3		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Chromium	13	B	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	35		2.7	0.80	mg/Kg	1	☼	6010B	Total/NA
Iron	28000	B	11	5.3	mg/Kg	1	☼	6010B	Total/NA
Potassium	720	B	540	6.7	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2200		540	5.5	mg/Kg	1	☼	6010B	Total/NA
Manganese	820	B	1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	39		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Vanadium	23		5.4	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	85		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	15		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Lead	13		0.32	0.20	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.59	J	1.1	0.59	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.036	J	0.10	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: S-12616-080811-DN-08

Lab Sample ID: 240-2718-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9600		25	12	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.56	J	1.2	0.48	mg/Kg	1	☼	6010B	Total/NA
Barium	96	B	25	0.088	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.39	J	0.62	0.053	mg/Kg	1	☼	6010B	Total/NA
Calcium	4000	B	620	20	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.16	J	0.25	0.045	mg/Kg	1	☼	6010B	Total/NA
Cobalt	17		6.2	0.20	mg/Kg	1	☼	6010B	Total/NA
Chromium	140	B	1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Copper	6000		16	4.6	mg/Kg	5	☼	6010B	Total/NA
Iron	27000	B	12	6.1	mg/Kg	1	☼	6010B	Total/NA
Potassium	960	B	620	7.7	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2700		620	6.3	mg/Kg	1	☼	6010B	Total/NA
Manganese	280	B	1.9	0.092	mg/Kg	1	☼	6010B	Total/NA
Silver	0.33	J	0.62	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	300	J	620	82	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080811-DN-08 (Continued)

Lab Sample ID: 240-2718-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	2100		5.0	0.33	mg/Kg	1	☼	6010B	Total/NA
Vanadium	21		6.2	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	3200		12	6.2	mg/Kg	5	☼	6010B	Total/NA
Arsenic	5.9		1.2	0.37	mg/Kg	1	☼	6010B	Total/NA
Lead	39		0.37	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.077	J	0.085	0.013	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	2.3		0.65	0.13	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-09

Lab Sample ID: 240-2718-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		23	11	mg/Kg	1	☼	6010B	Total/NA
Barium	120	B	23	0.082	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.53	J	0.58	0.050	mg/Kg	1	☼	6010B	Total/NA
Calcium	2700	B	580	19	mg/Kg	1	☼	6010B	Total/NA
Cobalt	5.5	J	5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	17	B	1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	30		2.9	0.86	mg/Kg	1	☼	6010B	Total/NA
Iron	23000	B	12	5.7	mg/Kg	1	☼	6010B	Total/NA
Potassium	640	B	580	7.2	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2200		580	5.9	mg/Kg	1	☼	6010B	Total/NA
Manganese	210	B	1.7	0.086	mg/Kg	1	☼	6010B	Total/NA
Nickel	19		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Vanadium	22		5.8	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	67		2.3	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	6.9		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.73	J	1.2	0.64	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.036	J	0.10	0.015	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	0.17	J	0.65	0.13	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-10

Lab Sample ID: 240-2718-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	10000		22	11	mg/Kg	1	☼	6010B	Total/NA
Barium	100	B	22	0.079	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.40	J	0.56	0.048	mg/Kg	1	☼	6010B	Total/NA
Calcium	3600	B	560	18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Cobalt	13		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	27	B	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	230		2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Iron	31000	B	11	5.5	mg/Kg	1	☼	6010B	Total/NA
Potassium	1200	B	560	6.9	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3800		560	5.7	mg/Kg	1	☼	6010B	Total/NA
Manganese	500	B	1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Nickel	100		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	22		5.6	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	420		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	19		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.3		1.1	0.61	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.015	J	0.097	0.015	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: S-12616-080811-DN-11 — Lab Sample ID: 240-2718-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	8200		23	11	mg/Kg	1	☼	6010B	Total/NA
Antimony	2.2		1.2	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	110	B	23	0.083	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.28	J	0.58	0.050	mg/Kg	1	☼	6010B	Total/NA
Calcium	16000	B	580	19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	1.0		0.23	0.042	mg/Kg	1	☼	6010B	Total/NA
Cobalt	15		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	860	B	1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	7700		58	17	mg/Kg	20	☼	6010B	Total/NA
Iron	31000	B	12	5.7	mg/Kg	1	☼	6010B	Total/NA
Potassium	720	B	580	7.2	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3700		580	6.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	1600	B	1.8	0.086	mg/Kg	1	☼	6010B	Total/NA
Silver	3.9		0.58	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	1400		580	77	mg/Kg	1	☼	6010B	Total/NA
Nickel	3000		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	25		5.8	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	19000		47	23	mg/Kg	20	☼	6010B	Total/NA
Arsenic	12		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	200		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.1		0.58	0.53	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.5		1.2	0.64	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.19		0.13	0.019	mg/Kg	1	☼	7471A	Total/NA
Cyanide, Total	3.1		0.66	0.13	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-12 — Lab Sample ID: 240-2718-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	24000		22	11	mg/Kg	1	☼	6010B	Total/NA
Barium	290	B	22	0.078	mg/Kg	1	☼	6010B	Total/NA
Beryllium	8.4		0.55	0.047	mg/Kg	1	☼	6010B	Total/NA
Calcium	260000	B	2800	88	mg/Kg	5	☼	6010B	Total/NA
Cobalt	0.78	J	5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	3.4	B	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	1.5	J	2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Iron	3300	B	11	5.4	mg/Kg	1	☼	6010B	Total/NA
Potassium	970	B	550	6.8	mg/Kg	1	☼	6010B	Total/NA
Magnesium	36000		550	5.6	mg/Kg	1	☼	6010B	Total/NA
Manganese	2300	B	1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Sodium	880		550	73	mg/Kg	1	☼	6010B	Total/NA
Nickel	0.75	J	4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	4.0	J	5.5	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	2.5		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.2		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	0.85		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA
Selenium	4.2		0.55	0.50	mg/Kg	1	☼	6010B	Total/NA
Thallium	2.6		1.1	0.61	mg/Kg	1	☼	6010B	Total/NA
Cyanide, Total	0.69		0.58	0.12	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080811-DN-13 — Lab Sample ID: 240-2718-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	31	H	18	5.6	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	3.6	J H	4.4	0.39	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-080811-DN-13 (Continued)

Lab Sample ID: 240-2718-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.6	J H	4.4	0.59	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	0.51	J H	18	0.48	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.28	J H	4.4	0.24	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.40	J H	4.4	0.37	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	0.89	J H	8.8	0.27	ug/Kg	1	☼	8260B	Total/NA
Fluoranthene	49	J	76	38	ug/Kg	10	☼	8270C	Total/NA
Pyrene	45	J	76	38	ug/Kg	10	☼	8270C	Total/NA
Aluminum	21000		22	11	mg/Kg	1	☼	6010B	Total/NA
Barium	230	B	22	0.079	mg/Kg	1	☼	6010B	Total/NA
Beryllium	6.9		0.55	0.048	mg/Kg	1	☼	6010B	Total/NA
Calcium	200000	B	2800	89	mg/Kg	5	☼	6010B	Total/NA
Cobalt	1.8	J	5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	22	B	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	35		2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Iron	4400	B	11	5.4	mg/Kg	1	☼	6010B	Total/NA
Potassium	960	B	550	6.9	mg/Kg	1	☼	6010B	Total/NA
Magnesium	31000		550	5.7	mg/Kg	1	☼	6010B	Total/NA
Manganese	2000	B	1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Sodium	760		550	73	mg/Kg	1	☼	6010B	Total/NA
Nickel	53		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	6.8		5.5	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	76		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	2.2		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	6.8		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.7		0.55	0.50	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.9		1.1	0.61	mg/Kg	1	☼	6010B	Total/NA
Cr (VI)	0.85	J	0.91	0.31	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.1		0.58	0.12	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080911-DN-14

Lab Sample ID: 240-2718-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	7300		24	12	mg/Kg	1	☼	6010B	Total/NA
Barium	52	B	24	0.086	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.34	J	0.61	0.052	mg/Kg	1	☼	6010B	Total/NA
Calcium	1200	B	610	19	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.8		6.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	10	B	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	7.9		3.0	0.90	mg/Kg	1	☼	6010B	Total/NA
Iron	23000	B	12	6.0	mg/Kg	1	☼	6010B	Total/NA
Potassium	490	J B	610	7.5	mg/Kg	1	☼	6010B	Total/NA
Magnesium	1300		610	6.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	400	B	1.8	0.090	mg/Kg	1	☼	6010B	Total/NA
Nickel	7.8		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA
Vanadium	19		6.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	34		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	13		1.2	0.37	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.37	0.23	mg/Kg	1	☼	6010B	Total/NA
Cr (VI)	1.8		0.98	0.33	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080911-DN-15

Lab Sample ID: 240-2718-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9200		24	11	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-15 (Continued)

Lab Sample ID: 240-2718-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	36	B	24	0.083	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.35	J	0.59	0.051	mg/Kg	1	☼	6010B	Total/NA
Calcium	2500	B	590	19	mg/Kg	1	☼	6010B	Total/NA
Cobalt	9.7		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	16	B	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	26		2.9	0.87	mg/Kg	1	☼	6010B	Total/NA
Iron	30000	B	12	5.8	mg/Kg	1	☼	6010B	Total/NA
Potassium	1500	B	590	7.3	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3700		590	6.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	300	B	1.8	0.087	mg/Kg	1	☼	6010B	Total/NA
Nickel	29		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	18		5.9	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	84		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	26		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-16

Lab Sample ID: 240-2718-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.0	J	5.4	0.48	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	0.77	J	5.4	0.73	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	12		11	1.5	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	110		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Acenaphthene	290		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Anthracene	560		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Benzo[a]anthracene	690		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Benzo[a]pyrene	600		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Benzo[b]fluoranthene	810		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Benzo[g,h,i]perylene	390		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Benzo[k]fluoranthene	430		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Carbazole	260		120	67	ug/Kg	2	☼	8270C	Total/NA
Chrysene	630		17	2.7	ug/Kg	2	☼	8270C	Total/NA
Dibenzofuran	260		120	8.2	ug/Kg	2	☼	8270C	Total/NA
Fluoranthene	2000		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Fluorene	350		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	310		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Naphthalene	72		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Phenanthrene	2300		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Pyrene	1500		17	8.2	ug/Kg	2	☼	8270C	Total/NA
Aluminum	10000		25	12	mg/Kg	1	☼	6010B	Total/NA
Barium	110	B	25	0.087	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.71		0.61	0.053	mg/Kg	1	☼	6010B	Total/NA
Calcium	18000	B	610	20	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.62		0.25	0.044	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.1		6.1	0.20	mg/Kg	1	☼	6010B	Total/NA
Chromium	33	B	1.2	0.25	mg/Kg	1	☼	6010B	Total/NA
Copper	120		3.1	0.91	mg/Kg	1	☼	6010B	Total/NA
Iron	17000	B	12	6.0	mg/Kg	1	☼	6010B	Total/NA
Potassium	880	B	610	7.6	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4500		610	6.3	mg/Kg	1	☼	6010B	Total/NA
Manganese	390	B	1.8	0.091	mg/Kg	1	☼	6010B	Total/NA
Silver	0.14	J	0.61	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	160	J	610	81	mg/Kg	1	☼	6010B	Total/NA
Nickel	36		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-16 (Continued) — Lab Sample ID: 240-2718-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	20		6.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	730		2.5	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.7		1.2	0.37	mg/Kg	1	☼	6010B	Total/NA
Lead	20		0.37	0.23	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.2		1.2	0.68	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.099	J	0.12	0.018	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	0.57	J	0.99	0.33	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080911-DN-17 — Lab Sample ID: 240-2718-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		24	12	mg/Kg	1	☼	6010B	Total/NA
Barium	96	B	24	0.085	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.37	J	0.60	0.052	mg/Kg	1	☼	6010B	Total/NA
Calcium	2500	B	600	19	mg/Kg	1	☼	6010B	Total/NA
Cobalt	9.1		6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	18	B	1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	26		3.0	0.89	mg/Kg	1	☼	6010B	Total/NA
Iron	28000	B	12	5.9	mg/Kg	1	☼	6010B	Total/NA
Potassium	1100	B	600	7.4	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3500		600	6.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	410	B	1.8	0.089	mg/Kg	1	☼	6010B	Total/NA
Nickel	35		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	21		6.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	72		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.8		1.2	0.36	mg/Kg	1	☼	6010B	Total/NA
Lead	8.9		0.36	0.23	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.0	J	1.2	0.66	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-18 — Lab Sample ID: 240-2718-18

No Detections

Client Sample ID: S-12616-080911-DN-19 — Lab Sample ID: 240-2718-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.97	J	5.0	0.44	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	1.7	J	5.0	0.67	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	4.9	J	10	1.4	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	43		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Acenaphthene	20		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Anthracene	28		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	42		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	35		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	54		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	28		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	33		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	95		61	23	ug/Kg	1	☼	8270C	Total/NA
Chrysene	48		8.2	1.3	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	16	J	61	4.0	ug/Kg	1	☼	8270C	Total/NA
Di-n-butyl phthalate	31	J	61	18	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	110		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Fluorene	15		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	23		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA

Client Sample ID: S-12616-080911-DN-19 (Continued)

Lab Sample ID: 240-2718-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	31		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	100		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Pyrene	86		8.2	4.0	ug/Kg	1	☼	8270C	Total/NA
Aluminum	9500		22	10	mg/Kg	1	☼	6010B	Total/NA
Barium	90	B	22	0.077	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.49	J	0.54	0.047	mg/Kg	1	☼	6010B	Total/NA
Calcium	5900	B	540	17	mg/Kg	1	☼	6010B	Total/NA
Cobalt	5.1	J	5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Chromium	27	B	1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	60		2.7	0.80	mg/Kg	1	☼	6010B	Total/NA
Iron	16000	B	11	5.3	mg/Kg	1	☼	6010B	Total/NA
Potassium	690	B	540	6.7	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2300		540	5.5	mg/Kg	1	☼	6010B	Total/NA
Manganese	190	B	1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	29		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Vanadium	20		5.4	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	130		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.5		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	17		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.023	J	0.11	0.017	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: S-12616-080911-DN-20

Lab Sample ID: 240-2718-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.3	J	7.1	0.63	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	2.5	J	7.1	0.96	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	18		14	2.0	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	24		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	16		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	16		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	16		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	390		66	25	ug/Kg	1	☼	8270C	Total/NA
Chrysene	25		8.8	1.5	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	6.2	J	66	4.4	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	29		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	11		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	11		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	25		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Pyrene	26		8.8	4.4	ug/Kg	1	☼	8270C	Total/NA
Aluminum	12000		23	11	mg/Kg	1	☼	6010B	Total/NA
Antimony	18		1.2	0.46	mg/Kg	1	☼	6010B	Total/NA
Barium	120	B	23	0.083	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.64		0.58	0.050	mg/Kg	1	☼	6010B	Total/NA
Calcium	43000	B	580	19	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.45		0.23	0.042	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.7		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	4500	B	1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	1200		2.9	0.86	mg/Kg	1	☼	6010B	Total/NA
Iron	24000	B	12	5.7	mg/Kg	1	☼	6010B	Total/NA
Potassium	830	B	580	7.2	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4600		580	6.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100	B	1.8	0.086	mg/Kg	1	☼	6010B	Total/NA
Silver	0.13	J	0.58	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	160	J	580	77	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-20 (Continued)

Lab Sample ID: 240-2718-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	2900		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Vanadium	33		5.8	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	720		2.3	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.4		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	29		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.3		1.2	0.64	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.084	J	0.13	0.020	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	6.3		1.1	0.36	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080911-DN-21

Lab Sample ID: 240-2718-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		22	11	mg/Kg	1	☼	6010B	Total/NA
Barium	130	B	22	0.079	mg/Kg	1	☼	6010B	Total/NA
Beryllium	1.6		0.56	0.048	mg/Kg	1	☼	6010B	Total/NA
Calcium	2300		560	18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.71		0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Cobalt	9.8		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	19		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	22		2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Iron	22000	B	11	5.4	mg/Kg	1	☼	6010B	Total/NA
Potassium	700	B	560	6.9	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3200		560	5.7	mg/Kg	1	☼	6010B	Total/NA
Manganese	440	B	1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Nickel	47		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	22		5.6	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	69		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.6		1.1	0.33	mg/Kg	1	☼	6010B	Total/NA
Lead	14		0.33	0.21	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.1		1.1	0.61	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.060	J	0.10	0.016	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: S-12616-080911-DN-22

Lab Sample ID: 240-2718-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.8	J	7.1	0.95	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.92	J	7.1	0.59	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	7.3	J	14	2.0	ug/Kg	1	☼	8260B	Total/NA
2-Methylnaphthalene	97		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	10		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	11		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	250		62	24	ug/Kg	1	☼	8270C	Total/NA
Chrysene	14		8.3	1.4	ug/Kg	1	☼	8270C	Total/NA
Dibenzofuran	19	J	62	4.1	ug/Kg	1	☼	8270C	Total/NA
Di-n-butyl phthalate	26	J	62	19	ug/Kg	1	☼	8270C	Total/NA
Fluoranthene	17		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Naphthalene	64		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Phenanthrene	32		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Pyrene	15		8.3	4.1	ug/Kg	1	☼	8270C	Total/NA
Aluminum	9900		24	12	mg/Kg	1	☼	6010B	Total/NA
Antimony	36		6.1	2.4	mg/Kg	5	☼	6010B	Total/NA
Barium	80	B	24	0.086	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.51	J	0.61	0.052	mg/Kg	1	☼	6010B	Total/NA
Calcium	84000		3000	97	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-22 (Continued)

Lab Sample ID: 240-2718-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.36		0.24	0.044	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.2	J	6.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	9500		6.1	1.2	mg/Kg	5	☼	6010B	Total/NA
Copper	1700		3.0	0.90	mg/Kg	1	☼	6010B	Total/NA
Iron	8200	B	61	30	mg/Kg	5	☼	6010B	Total/NA
Potassium	340	J B	610	7.5	mg/Kg	1	☼	6010B	Total/NA
Magnesium	2700		610	6.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	300	B	1.8	0.090	mg/Kg	1	☼	6010B	Total/NA
Silver	0.18	J	0.61	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	280	J	610	80	mg/Kg	1	☼	6010B	Total/NA
Nickel	3200		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA
Vanadium	14		6.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Zinc	1100		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	5.3	J	6.1	1.8	mg/Kg	5	☼	6010B	Total/NA
Lead	33		0.36	0.23	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.97		0.61	0.55	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.13		0.12	0.018	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	10		0.99	0.33	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.4		0.65	0.13	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080911-DN-23

Lab Sample ID: 240-2718-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	14000		24	12	mg/Kg	1	☼	6010B	Total/NA
Barium	120	B	24	0.086	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.60		0.60	0.052	mg/Kg	1	☼	6010B	Total/NA
Calcium	4000		600	19	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.8		6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		1.2	0.24	mg/Kg	1	☼	6010B	Total/NA
Copper	17		3.0	0.89	mg/Kg	1	☼	6010B	Total/NA
Iron	21000	B	12	5.9	mg/Kg	1	☼	6010B	Total/NA
Potassium	1100	B	600	7.5	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4800		600	6.2	mg/Kg	1	☼	6010B	Total/NA
Manganese	150	B	1.8	0.089	mg/Kg	1	☼	6010B	Total/NA
Sodium	150	J	600	80	mg/Kg	1	☼	6010B	Total/NA
Nickel	30		4.8	0.33	mg/Kg	1	☼	6010B	Total/NA
Vanadium	19		6.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	73		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	3.4		1.2	0.36	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.36	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.031	J	0.12	0.017	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	0.57	J	0.99	0.34	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080911-DN-24

Lab Sample ID: 240-2718-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	15000		23	11	mg/Kg	1	☼	6010B	Total/NA
Barium	130	B	23	0.082	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.62		0.57	0.049	mg/Kg	1	☼	6010B	Total/NA
Calcium	3200		570	18	mg/Kg	1	☼	6010B	Total/NA
Cobalt	7.1		5.7	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	23		1.1	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	17		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Iron	26000	B	11	5.6	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-24 (Continued)

Lab Sample ID: 240-2718-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1300	B	570	7.1	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4400		570	5.9	mg/Kg	1	☼	6010B	Total/NA
Manganese	120	B	1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Silver	0.30	J	0.57	0.11	mg/Kg	1	☼	6010B	Total/NA
Sodium	170	J	570	76	mg/Kg	1	☼	6010B	Total/NA
Nickel	29		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Vanadium	28		5.7	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	78		2.3	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	8.1		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	9.6		0.34	0.22	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.78	J	1.1	0.63	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.028	J	0.11	0.017	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: S-12616-080911-DN-25

Lab Sample ID: 240-2718-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		23	11	mg/Kg	1	☼	6010B	Total/NA
Barium	220	B	23	0.082	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.51	J	0.58	0.050	mg/Kg	1	☼	6010B	Total/NA
Calcium	2600		580	18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.63		0.23	0.042	mg/Kg	1	☼	6010B	Total/NA
Cobalt	27		5.8	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		1.2	0.23	mg/Kg	1	☼	6010B	Total/NA
Copper	29		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Iron	36000	B	12	5.7	mg/Kg	1	☼	6010B	Total/NA
Potassium	1400	B	580	7.2	mg/Kg	1	☼	6010B	Total/NA
Magnesium	3800		580	5.9	mg/Kg	1	☼	6010B	Total/NA
Manganese	3400	B	1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Sodium	150	J	580	76	mg/Kg	1	☼	6010B	Total/NA
Nickel	69		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Vanadium	27		5.8	0.14	mg/Kg	1	☼	6010B	Total/NA
Zinc	71		2.3	1.2	mg/Kg	1	☼	6010B	Total/NA
Arsenic	17		1.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Lead	15		0.35	0.22	mg/Kg	1	☼	6010B	Total/NA
Thallium	2.8		1.2	0.64	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.021	J	0.10	0.015	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	0.68	J	0.94	0.32	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080911-DN-26

Lab Sample ID: 240-2718-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	9900		22	11	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.46	J	1.1	0.44	mg/Kg	1	☼	6010B	Total/NA
Barium	85	B	22	0.080	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.42	J	0.56	0.048	mg/Kg	1	☼	6010B	Total/NA
Calcium	8400		560	18	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.12	J	0.22	0.040	mg/Kg	1	☼	6010B	Total/NA
Cobalt	8.4		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	60		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	50		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Iron	24000	B	11	5.5	mg/Kg	1	☼	6010B	Total/NA
Potassium	890	B	560	7.0	mg/Kg	1	☼	6010B	Total/NA
Magnesium	4100		560	5.7	mg/Kg	1	☼	6010B	Total/NA
Manganese	1400	B	1.7	0.083	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-26 (Continued) — Lab Sample ID: 240-2718-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	96	J	560	74	mg/Kg	1	☼	6010B	Total/NA
Nickel	44		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	28		5.6	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	220		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	7.9		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	16		0.34	0.21	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.8		1.1	0.62	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.037	J	0.097	0.015	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: S-12616-080911-DN-27 — Lab Sample ID: 240-2718-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	83		65	20	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	27	J	65	4.5	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	11	J B	16	1.4	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	2.4	J	16	0.84	ug/Kg	1	☼	8260B	Total/NA
Methylene Chloride	19	B	16	2.2	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	1.7	J	16	1.7	ug/Kg	1	☼	8260B	Total/NA
Toluene	3.1	J	16	0.88	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	4.8	J	16	1.4	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	2.2	J	32	2.2	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	3.4	J	32	1.0	ug/Kg	1	☼	8260B	Total/NA
Bis(2-ethylhexyl) phthalate	6300		1100	420	ug/Kg	10	☼	8270C	Total/NA
Aluminum	4900		210	100	mg/Kg	5	☼	6010B	Total/NA
Antimony	26		11	4.2	mg/Kg	5	☼	6010B	Total/NA
Barium	270	B	210	0.76	mg/Kg	5	☼	6010B	Total/NA
Beryllium	2.0	J	5.4	0.46	mg/Kg	5	☼	6010B	Total/NA
Calcium	89000	B	5400	170	mg/Kg	5	☼	6010B	Total/NA
Cobalt	49	J	54	1.7	mg/Kg	5	☼	6010B	Total/NA
Chromium	37000		11	2.1	mg/Kg	5	☼	6010B	Total/NA
Copper	10000		27	7.9	mg/Kg	5	☼	6010B	Total/NA
Iron	9300		110	52	mg/Kg	5	☼	6010B	Total/NA
Potassium	320	J B	5400	66	mg/Kg	5	☼	6010B	Total/NA
Magnesium	5000	J B	5400	55	mg/Kg	5	☼	6010B	Total/NA
Manganese	150		16	0.79	mg/Kg	5	☼	6010B	Total/NA
Silver	1.3	J	5.4	1.1	mg/Kg	5	☼	6010B	Total/NA
Nickel	18000		43	2.9	mg/Kg	5	☼	6010B	Total/NA
Vanadium	30	J	54	1.3	mg/Kg	5	☼	6010B	Total/NA
Zinc	5800		21	11	mg/Kg	5	☼	6010B	Total/NA
Arsenic	15		11	3.2	mg/Kg	5	☼	6010B	Total/NA
Lead	660		3.2	2.0	mg/Kg	5	☼	6010B	Total/NA
Mercury	0.79		0.21	0.031	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	8.0		1.8	0.60	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	18	H B	11	2.2	mg/Kg	10	☼	9012A	Total/NA

Client Sample ID: S-12616-080911-DN-28 — Lab Sample ID: 240-2718-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	13000		31	15	mg/Kg	1	☼	6010B	Total/NA
Antimony	16		1.6	0.61	mg/Kg	1	☼	6010B	Total/NA
Barium	110	B	31	0.11	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.70	J	0.78	0.067	mg/Kg	1	☼	6010B	Total/NA
Calcium	49000		780	25	mg/Kg	1	☼	6010B	Total/NA
Cobalt	22		7.8	0.25	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-28 (Continued) — Lab Sample ID: 240-2718-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	3900		1.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Copper	1300		3.9	1.2	mg/Kg	1	☼	6010B	Total/NA
Iron	29000	B	16	7.6	mg/Kg	1	☼	6010B	Total/NA
Potassium	1700	B	780	9.7	mg/Kg	1	☼	6010B	Total/NA
Magnesium	8000		780	8.0	mg/Kg	1	☼	6010B	Total/NA
Manganese	390	B	2.3	0.12	mg/Kg	1	☼	6010B	Total/NA
Sodium	210	J	780	100	mg/Kg	1	☼	6010B	Total/NA
Nickel	2400		6.2	0.42	mg/Kg	1	☼	6010B	Total/NA
Vanadium	29		7.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Zinc	860		3.1	1.6	mg/Kg	1	☼	6010B	Total/NA
Arsenic	12		1.6	0.47	mg/Kg	1	☼	6010B	Total/NA
Lead	59		0.47	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.26		0.14	0.022	mg/Kg	1	☼	7471A	Total/NA
Cr (VI)	9.3		1.3	0.43	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.6		0.77	0.15	mg/Kg	1	☼	9012A	Total/NA

Client Sample ID: S-12616-080911-DN-29 — Lab Sample ID: 240-2718-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	11000		20	9.6	mg/Kg	1	☼	6010B	Total/NA
Barium	70	B	20	0.071	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.37	J	0.50	0.043	mg/Kg	1	☼	6010B	Total/NA
Calcium	46000		500	16	mg/Kg	1	☼	6010B	Total/NA
Cobalt	12		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		0.99	0.20	mg/Kg	1	☼	6010B	Total/NA
Copper	24		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Iron	25000	B	9.9	4.9	mg/Kg	1	☼	6010B	Total/NA
Potassium	1600	B	500	6.2	mg/Kg	1	☼	6010B	Total/NA
Magnesium	8500		500	5.1	mg/Kg	1	☼	6010B	Total/NA
Manganese	350	B	1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Sodium	89	J	500	66	mg/Kg	1	☼	6010B	Total/NA
Nickel	32		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Vanadium	20		5.0	0.12	mg/Kg	1	☼	6010B	Total/NA
Zinc	67		2.0	0.99	mg/Kg	1	☼	6010B	Total/NA
Arsenic	9.6		0.99	0.30	mg/Kg	1	☼	6010B	Total/NA
Lead	9.8		0.30	0.19	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.63	J	0.99	0.55	mg/Kg	1	☼	6010B	Total/NA
Cr (VI)	0.73	J	0.93	0.31	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: S-12616-080911-DN-30 — Lab Sample ID: 240-2718-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	10000		22	11	mg/Kg	1	☼	6010B	Total/NA
Antimony	0.58	J	1.1	0.44	mg/Kg	1	☼	6010B	Total/NA
Barium	62	B	22	0.080	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.38	J	0.56	0.048	mg/Kg	1	☼	6010B	Total/NA
Calcium	44000		560	18	mg/Kg	1	☼	6010B	Total/NA
Cobalt	19		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Chromium	22		1.1	0.22	mg/Kg	1	☼	6010B	Total/NA
Copper	25		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Iron	26000	B	11	5.5	mg/Kg	1	☼	6010B	Total/NA
Potassium	1900	B	560	7.0	mg/Kg	1	☼	6010B	Total/NA
Magnesium	8800		560	5.7	mg/Kg	1	☼	6010B	Total/NA
Manganese	770	B	1.7	0.083	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-080911-DN-30 (Continued)

Lab Sample ID: 240-2718-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	74	J	560	74	mg/Kg	1	☼	6010B	Total/NA
Nickel	48		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Vanadium	20		5.6	0.13	mg/Kg	1	☼	6010B	Total/NA
Zinc	68		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.34	0.21	mg/Kg	1	☼	6010B	Total/NA
Thallium	1.7		1.1	0.62	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: RB-080811-01

Lab Sample ID: 240-2718-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.2	J	10	1.8	ug/L	1		6010B	Total Recovera
Barium	13	J B	200	0.67	ug/L	1		6010B	Total Recovera
Calcium	38000	B	5000	130	ug/L	1		6010B	Total Recovera
Potassium	2600	J B ^	5000	72	ug/L	1		6010B	Total Recovera
Magnesium	17000		5000	34	ug/L	1		6010B	Total Recovera
Manganese	1.2	J B	15	0.41	ug/L	1		6010B	Total Recovera
Sodium	42000		5000	590	ug/L	1		6010B	Total Recovera

Client Sample ID: RB-080911-01

Lab Sample ID: 240-2718-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.6	J	10	0.57	ug/L	1		8260B	Total/NA
Toluene	0.41	J	1.0	0.13	ug/L	1		8260B	Total/NA
Acetophenone	0.56	J	0.96	0.33	ug/L	1		8270C	Total/NA
Barium	5.7	J B	200	0.67	ug/L	1		6010B	Total Recovera
Calcium	17000	B	5000	130	ug/L	1		6010B	Total Recovera
Potassium	1200	J B ^	5000	72	ug/L	1		6010B	Total Recovera
Magnesium	7800		5000	34	ug/L	1		6010B	Total Recovera
Manganese	0.79	J B	15	0.41	ug/L	1		6010B	Total Recovera
Sodium	20000		5000	590	ug/L	1		6010B	Total Recovera

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**22**	**H**	22	7.0	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Benzene	5.5	U H	5.5	0.25	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Dichlorobromomethane	5.5	U H	5.5	0.31	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Bromoform	5.5	U H	5.5	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Bromomethane	5.5	U H	5.5	0.60	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
2-Butanone (MEK)	22	U H	22	1.5	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Carbon disulfide	**2.7**	**J H**	5.5	0.49	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Carbon tetrachloride	5.5	U H	5.5	0.41	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Chlorobenzene	5.5	U H	5.5	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Chloroethane	5.5	U H *	5.5	0.95	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Chloroform	5.5	U H	5.5	0.32	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Chloromethane	5.5	U H	5.5	0.45	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,1-Dichloroethane	5.5	U H	5.5	0.40	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,2-Dichloroethane	5.5	U H	5.5	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,1-Dichloroethene	5.5	U H	5.5	0.57	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,2-Dichloropropane	5.5	U H	5.5	0.76	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
cis-1,3-Dichloropropene	5.5	U H	5.5	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
trans-1,3-Dichloropropene	5.5	U H	5.5	0.60	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Ethylbenzene	5.5	U H	5.5	0.29	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
2-Hexanone	22	U H	22	0.70	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Methylene Chloride	**2.5**	**J H**	5.5	0.74	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
4-Methyl-2-pentanone (MIBK)	**0.64**	**J H**	22	0.60	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Styrene	5.5	U H	5.5	0.17	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,1,2,2-Tetrachloroethane	5.5	U H	5.5	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Tetrachloroethene	5.5	U H	5.5	0.57	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Toluene	5.5	U H	5.5	0.30	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Trichloroethene	5.5	U H	5.5	0.46	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Vinyl chloride	5.5	U H	5.5	0.43	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Xylenes, Total	11	U H	11	0.74	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,1,1-Trichloroethane	5.5	U H	5.5	0.62	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,1,2-Trichloroethane	5.5	U H	5.5	0.43	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Cyclohexane	11	U H	11	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,2-Dibromo-3-Chloropropane	11	U H	11	1.4	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Ethylene Dibromide	5.5	U H	5.5	0.55	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Dichlorodifluoromethane	5.5	U H	5.5	0.55	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
cis-1,2-Dichloroethene	5.5	U H	5.5	0.40	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
trans-1,2-Dichloroethene	5.5	U H	5.5	0.45	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Isopropylbenzene	5.5	U H	5.5	0.18	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Methyl acetate	11	U H	11	1.5	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Methyl tert-butyl ether	22	U H	22	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.5	U H	5.5	1.4	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,2,4-Trichlorobenzene	5.5	U H	5.5	0.30	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,2-Dichlorobenzene	5.5	U H	5.5	0.40	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,3-Dichlorobenzene	5.5	U H	5.5	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
1,4-Dichlorobenzene	5.5	U H	5.5	0.73	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Trichlorofluoromethane	5.5	U H	5.5	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Chlorodibromomethane	5.5	U H	5.5	0.61	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1
Methylcyclohexane	11	U H	11	0.34	ug/Kg	☼	08/10/11 18:44	08/11/11 18:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 123	08/10/11 18:44	08/11/11 18:50	1
4-Bromofluorobenzene (Surr)	97		52 - 136	08/10/11 18:44	08/11/11 18:50	1
Toluene-d8 (Surr)	105		67 - 125	08/10/11 18:44	08/11/11 18:50	1
Dibromofluoromethane (Surr)	78		37 - 132	08/10/11 18:44	08/11/11 18:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,2'-oxybis[1-chloropropane]	120	U	120	12	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,4,5-Trichlorophenol	190	U	190	31	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,4,6-Trichlorophenol	190	U	190	100	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,4-Dichlorophenol	190	U	190	25	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,4-Dimethylphenol	190	U	190	25	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,4-Dinitrophenol	410	U	410	100	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,4-Dinitrotoluene	250	U	250	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2,6-Dinitrotoluene	250	U	250	26	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2-Chloronaphthalene	62	U	62	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2-Chlorophenol	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2-Methylnaphthalene	**8.2**	**J**	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2-Methylphenol	250	U	250	100	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2-Nitroaniline	250	U	250	11	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
2-Nitrophenol	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
3,3'-Dichlorobenzidine	120	U	120	22	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
3-Nitroaniline	250	U	250	20	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4,6-Dinitro-2-methylphenol	190	U	190	100	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4-Bromophenyl phenyl ether	62	U	62	16	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4-Chloro-3-methylphenol	190	U	190	26	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4-Chloroaniline	190	U	190	21	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4-Chlorophenyl phenyl ether	62	U	62	16	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4-Nitroaniline	250	U	250	32	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
4-Nitrophenol	410	U	410	100	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Acenaphthene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Acenaphthylene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Acetophenone	120	U	120	11	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Anthracene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Atrazine	250	U	250	11	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Benzaldehyde	120	U	120	15	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Benzo[a]anthracene	**13**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Benzo[a]pyrene	**10**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Benzo[b]fluoranthene	**20**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Benzo[g,h,i]perylene	**9.5**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Benzo[k]fluoranthene	**7.8**	**J**	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Bis(2-chloroethoxy)methane	120	U	120	27	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Bis(2-chloroethyl)ether	120	U	120	2.5	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Bis(2-ethylhexyl) phthalate	**1700**		62	24	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Butyl benzyl phthalate	62	U	62	12	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Caprolactam	410	U	410	46	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Carbazole	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Chrysene	**19**		8.3	1.4	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Dibenz(a,h)anthracene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Dibenzofuran	62	U	62	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Diethyl phthalate	62	U	62	20	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Dimethyl phthalate	62	U	62	21	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Di-n-butyl phthalate	**19**	**J**	62	19	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Di-n-octyl phthalate	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Fluoranthene	**36**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Fluorene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	8.3	U	8.3	2.6	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Hexachlorobutadiene	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Hexachlorocyclopentadiene	410	U	410	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Hexachloroethane	62	U	62	11	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Indeno[1,2,3-cd]pyrene	**6.9**	**J**	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Isophorone	62	U	62	16	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Naphthalene	**5.8**	**J**	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Nitrobenzene	120	U	120	2.7	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
N-Nitrosodi-n-propylamine	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
N-Nitrosodiphenylamine	62	U	62	26	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Pentachlorophenol	190	U	190	100	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Phenol	62	U	62	34	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Phenanthrene	**16**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
Pyrene	**28**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1
3 & 4 Methylphenol	500	U	500	25	ug/Kg	☼	08/19/11 09:58	08/23/11 19:50	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*34 - 110*	*08/19/11 09:58*	*08/23/11 19:50*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 110*	*08/19/11 09:58*	*08/23/11 19:50*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 118*	*08/19/11 09:58*	*08/23/11 19:50*	*1*
Nitrobenzene-d5 (Surr)	*60*		*24 - 112*	*08/19/11 09:58*	*08/23/11 19:50*	*1*
Phenol-d5 (Surr)	*73*		*28 - 110*	*08/19/11 09:58*	*08/23/11 19:50*	*1*
Terphenyl-d14 (Surr)	*83*		*41 - 119*	*08/19/11 09:58*	*08/23/11 19:50*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**29000**		22	11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Antimony	1.1	U	1.1	0.44	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Barium	**250**	**B**	22	0.080	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Beryllium	**5.7**		0.56	0.048	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Calcium	**250000**	**B**	2800	90	mg/Kg	☼	08/11/11 11:10	08/12/11 21:57	5
Cadmium	0.22	U	0.22	0.040	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Cobalt	**1.0**	**J**	5.6	0.18	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Chromium	**7.3**	**B**	1.1	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Copper	**1.7**	**J**	2.8	0.83	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Iron	**4000**	**B**	11	5.5	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Potassium	**870**	**B**	560	7.0	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Magnesium	**34000**		560	5.7	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Manganese	**2400**	**B**	1.7	0.083	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Silver	0.56	U	0.56	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Sodium	**1100**		560	74	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Nickel	**0.78**	**J**	4.5	0.30	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Vanadium	**5.0**	**J**	5.6	0.13	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Zinc	**3.4**		2.2	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Arsenic	**1.4**		1.1	0.34	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Lead	**1.3**		0.34	0.21	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Selenium	**2.5**		0.56	0.51	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1
Thallium	**2.6**		1.1	0.62	mg/Kg	☼	08/11/11 11:10	08/12/11 11:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.084	U	0.084	0.013	mg/Kg	☼	08/11/11 13:50	08/12/11 11:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-01
Date Collected: 08/08/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-1
Matrix: Solid
Percent Solids: 80.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.0	U	1.0	0.34	mg/Kg	☼	08/12/11 10:49	08/16/11 10:52	1
Cyanide, Total	0.62	U	0.62	0.12	mg/Kg	☼	08/11/11 14:49	08/11/11 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-02
Date Collected: 08/08/11 12:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-2
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4500**		23	11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Antimony	1.1	U	1.1	0.45	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Barium	**28**	**B**	23	0.081	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Beryllium	**0.15**	**J**	0.57	0.049	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Calcium	**1600**	**B**	570	18	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Cadmium	**0.30**		0.23	0.041	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Cobalt	**6.0**		5.7	0.18	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Chromium	**8.0**	**B**	1.1	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Copper	**16**		2.9	0.85	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Iron	**15000**	**B**	11	5.6	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Potassium	**510**	**J B**	570	7.1	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Magnesium	**1200**		570	5.8	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Manganese	**180**	**B**	1.7	0.085	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Silver	**0.18**	**J**	0.57	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Sodium	**120**	**J**	570	76	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Nickel	**16**		4.6	0.31	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Vanadium	**15**		5.7	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Zinc	**47**		2.3	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Arsenic	**11**		1.1	0.34	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Lead	**7.3**		0.34	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Selenium	0.57	U L	0.57	0.52	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1
Thallium	1.1	U	1.1	0.63	mg/Kg	☼	08/11/11 11:10	08/12/11 10:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-02
Date Collected: 08/08/11 12:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-2
Matrix: Solid
Percent Solids: 86.4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	J	0.11	0.016	mg/Kg	☼	08/11/11 13:50	08/12/11 11:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-02
Date Collected: 08/08/11 12:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-2
Matrix: Solid
Percent Solids: 86.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.79	J	0.93	0.31	mg/Kg	☼	08/12/11 10:49	08/16/11 11:01	1
Cyanide, Total	0.12	J	0.60	0.12	mg/Kg	☼	08/11/11 14:49	08/11/11 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-03
Date Collected: 08/08/11 12:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-3
Matrix: Solid
Percent Solids: 73.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9500		24	11	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Antimony	2.1		1.2	0.46	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Barium	420	B	24	0.084	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Beryllium	0.18	J	0.59	0.051	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Calcium	16000	B	590	19	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Cadmium	2.9		0.24	0.042	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Cobalt	16		5.9	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Chromium	1200	B	1.2	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Copper	26000		150	44	mg/Kg	☼	08/11/11 11:10	08/12/11 22:09	50
Iron	59000	B	12	5.8	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Potassium	760	B	590	7.3	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Magnesium	4700		590	6.0	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Manganese	480	B	1.8	0.087	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Silver	1.2		0.59	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Sodium	2400		590	78	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Nickel	3000		4.7	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Vanadium	19		5.9	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Zinc	36000		120	59	mg/Kg	☼	08/11/11 11:10	08/12/11 22:09	50
Arsenic	11		1.2	0.35	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Lead	530		0.35	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Selenium	0.59	U	0.59	0.53	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1
Thallium	0.79	J	1.2	0.65	mg/Kg	☼	08/11/11 11:10	08/12/11 12:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-03
Date Collected: 08/08/11 12:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-3
Matrix: Solid
Percent Solids: 73.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.12	0.018	mg/Kg	☼	08/11/11 13:50	08/12/11 12:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-03
Date Collected: 08/08/11 12:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-3
Matrix: Solid
Percent Solids: 73.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.1		1.1	0.37	mg/Kg	☼	08/12/11 10:49	08/16/11 13:19	1
Cyanide, Total	0.36	J	0.65	0.13	mg/Kg	☼	08/22/11 10:42	08/22/11 13:03	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-04
Date Collected: 08/08/11 13:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-4
Matrix: Solid
Percent Solids: 82.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8200**		24	11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Antimony	1.2	U	1.2	0.46	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Barium	**63**	**B**	24	0.085	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Beryllium	**0.29**	**J**	0.60	0.051	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Calcium	**3800**	**B**	600	19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Cadmium	0.24	U	0.24	0.043	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Cobalt	**6.3**		6.0	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Chromium	**31**	**B**	1.2	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Copper	**190**		3.0	0.88	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Iron	**19000**	**B**	12	5.8	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Potassium	**1000**	**B**	600	7.4	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Magnesium	**2700**		600	6.1	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Manganese	**230**	**B**	1.8	0.088	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Silver	0.60	U	0.60	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Sodium	600	U	600	79	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Nickel	**54**		4.8	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Vanadium	**22**		6.0	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Zinc	**260**		2.4	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Arsenic	**8.3**		1.2	0.36	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Lead	**12**		0.36	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Selenium	0.60	U	0.60	0.54	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1
Thallium	**0.74**	**J**	1.2	0.66	mg/Kg	☼	08/11/11 11:10	08/12/11 11:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-04
Date Collected: 08/08/11 13:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-4
Matrix: Solid
Percent Solids: 82.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.085	0.013	mg/Kg	☼	08/11/11 13:50	08/12/11 12:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-04
Date Collected: 08/08/11 13:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-4
Matrix: Solid
Percent Solids: 82.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.4		0.97	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 11:15	1
Cyanide, Total	0.60	U	0.60	0.12	mg/Kg	☼	08/11/11 14:49	08/11/11 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1100	U H	1100	180	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Benzene	270	U H	270	13	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Dichlorobromomethane	270	U H	270	11	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Bromoform	270	U H	270	21	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Bromomethane	270	U H	270	31	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
2-Butanone (MEK)	1100	U H	1100	46	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Carbon disulfide	**50**	**J H**	270	13	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Carbon tetrachloride	270	U H	270	6.9	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Chlorobenzene	270	U H	270	6.9	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Chloroethane	270	U H	270	66	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Chloroform	270	U H	270	9.5	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Chloromethane	270	U H	270	15	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,1-Dichloroethane	270	U H	270	18	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,2-Dichloroethane	270	U H	270	11	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,1-Dichloroethene	270	U H	270	19	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,2-Dichloropropane	270	U H	270	8.9	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
cis-1,3-Dichloropropene	270	U H	270	8.5	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
trans-1,3-Dichloropropene	270	U H	270	22	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Ethylbenzene	**260**	**J H**	270	5.8	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
2-Hexanone	1100	U H	1100	22	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Methylene Chloride	270	U H	270	83	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
4-Methyl-2-pentanone (MIBK)	1100	U H	1100	52	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Styrene	270	U H	270	6.0	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,1,2,2-Tetrachloroethane	270	U H	270	9.6	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Tetrachloroethene	270	U H	270	13	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Toluene	**120**	**J H**	270	18	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Trichloroethene	**25**	**J H**	270	10	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Vinyl chloride	270	U H	270	19	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Xylenes, Total	**2000**	**H**	540	8.7	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,1,1-Trichloroethane	270	U H	270	23	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,1,2-Trichloroethane	270	U H	270	13	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Cyclohexane	540	U H	540	43	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,2-Dibromo-3-Chloropropane	540	U H	540	54	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Ethylene Dibromide	270	U H	270	11	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Dichlorodifluoromethane	270	U H	270	17	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
cis-1,2-Dichloroethene	270	U H	270	7.5	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
trans-1,2-Dichloroethene	270	U H	270	9.9	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Isopropylbenzene	**53**	**J H**	270	7.0	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Methyl acetate	**72**	**J H**	540	27	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Methyl tert-butyl ether	1100	U H	1100	7.7	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	270	U H	270	42	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,2,4-Trichlorobenzene	**16**	**J H**	270	7.9	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,2-Dichlorobenzene	270	U H	270	9.3	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,3-Dichlorobenzene	270	U H	270	5.2	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
1,4-Dichlorobenzene	270	U H	270	8.6	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Trichlorofluoromethane	270	U H	270	17	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Chlorodibromomethane	270	U H	270	13	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1
Methylcyclohexane	**230**	**J H**	540	13	ug/Kg	☼	08/10/11 18:40	08/11/11 22:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		39 - 128	08/10/11 18:40	08/11/11 22:11	1
4-Bromofluorobenzene (Surr)	64		26 - 141	08/10/11 18:40	08/11/11 22:11	1
Toluene-d8 (Surr)	73		33 - 134	08/10/11 18:40	08/11/11 22:11	1
Dibromofluoromethane (Surr)	67		30 - 122	08/10/11 18:40	08/11/11 22:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,2'-oxybis[1-chloropropane]	1200	U	1200	120	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,4,5-Trichlorophenol	1900	U	1900	310	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,4,6-Trichlorophenol	1900	U	1900	990	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,4-Dichlorophenol	1900	U	1900	250	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,4-Dimethylphenol	1900	U	1900	250	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,4-Dinitrophenol	4100	U	4100	990	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,4-Dinitrotoluene	2500	U	2500	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2,6-Dinitrotoluene	2500	U	2500	260	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2-Chloronaphthalene	620	U	620	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2-Chlorophenol	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2-Methylnaphthalene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2-Methylphenol	2500	U	2500	990	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2-Nitroaniline	2500	U	2500	110	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
2-Nitrophenol	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
3,3'-Dichlorobenzidine	1200	U	1200	220	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
3-Nitroaniline	2500	U	2500	200	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4,6-Dinitro-2-methylphenol	1900	U	1900	990	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4-Bromophenyl phenyl ether	620	U	620	160	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4-Chloro-3-methylphenol	1900	U	1900	260	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4-Chloroaniline	1900	U	1900	210	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4-Chlorophenyl phenyl ether	620	U	620	160	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4-Nitroaniline	2500	U	2500	320	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
4-Nitrophenol	4100	U	4100	990	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Acenaphthene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Acenaphthylene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Acetophenone	1200	U	1200	110	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Anthracene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Atrazine	2500	U	2500	110	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Benzaldehyde	1200	U	1200	150	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Benzo[a]anthracene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Benzo[a]pyrene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Benzo[b]fluoranthene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Benzo[g,h,i]perylene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Benzo[k]fluoranthene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Bis(2-chloroethoxy)methane	1200	U	1200	270	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Bis(2-chloroethyl)ether	1200	U	1200	25	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Bis(2-ethylhexyl) phthalate	**260**	**J**	620	240	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Butyl benzyl phthalate	620	U	620	120	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Caprolactam	4100	U	4100	460	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Carbazole	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Chrysene	83	U	83	14	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Dibenz(a,h)anthracene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Dibenzofuran	620	U	620	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Diethyl phthalate	620	U	620	200	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Dimethyl phthalate	620	U	620	210	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Di-n-butyl phthalate	620	U	620	190	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Di-n-octyl phthalate	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Fluoranthene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Fluorene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	83	U	83	26	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Hexachlorobutadiene	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Hexachlorocyclopentadiene	4100	U	4100	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Hexachloroethane	620	U	620	110	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Indeno[1,2,3-cd]pyrene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Isophorone	620	U	620	160	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Naphthalene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Nitrobenzene	1200	U	1200	27	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
N-Nitrosodi-n-propylamine	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
N-Nitrosodiphenylamine	620	U	620	260	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Pentachlorophenol	1900	U	1900	990	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Phenol	620	U	620	330	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Phenanthrene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
Pyrene	83	U	83	41	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10
3 & 4 Methylphenol	5000	U	5000	250	ug/Kg	☼	08/19/11 09:58	08/24/11 16:12	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*64*		*34 - 110*	*08/19/11 09:58*	*08/24/11 16:12*	*10*
2-Fluorophenol (Surr)	*47*		*26 - 110*	*08/19/11 09:58*	*08/24/11 16:12*	*10*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 118*	*08/19/11 09:58*	*08/24/11 16:12*	*10*
Nitrobenzene-d5 (Surr)	*30*		*24 - 112*	*08/19/11 09:58*	*08/24/11 16:12*	*10*
Phenol-d5 (Surr)	*17*	*X*	*28 - 110*	*08/19/11 09:58*	*08/24/11 16:12*	*10*
Terphenyl-d14 (Surr)	*78*		*41 - 119*	*08/19/11 09:58*	*08/24/11 16:12*	*10*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9900**		24	11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Antimony	1.2	U	1.2	0.47	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Barium	**93**	**B**	24	0.085	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Beryllium	**0.45**	**J**	0.60	0.051	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Calcium	**2500**	**B**	600	19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Cadmium	**0.11**	**J**	0.24	0.043	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Cobalt	**6.3**		6.0	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Chromium	**15**	**B**	1.2	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Copper	**66**		3.0	0.88	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Iron	**18000**	**B**	12	5.9	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Potassium	**940**	**B**	600	7.4	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Magnesium	**2300**		600	6.1	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Manganese	**160**	**B**	1.8	0.088	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Silver	0.60	U	0.60	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Sodium	**120**	**J**	600	79	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Nickel	**23**		4.8	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Vanadium	**21**		6.0	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Zinc	**110**		2.4	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Arsenic	**4.9**		1.2	0.36	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Lead	**16**		0.36	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Selenium	0.60	U	0.60	0.54	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1
Thallium	1.2	U	1.2	0.66	mg/Kg	☼	08/11/11 11:10	08/12/11 11:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.10	0.015	mg/Kg	☼	08/11/11 13:50	08/12/11 11:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-05
Date Collected: 08/08/11 14:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-5
Matrix: Solid
Percent Solids: 80.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.99	U	0.99	0.34	mg/Kg	☼	08/12/11 10:49	08/16/11 13:20	1
Cyanide, Total	**0.25**	**J**	0.61	0.12	mg/Kg	☼	08/11/11 14:49	08/11/11 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-06
Date Collected: 08/08/11 14:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-6
Matrix: Solid
Percent Solids: 77.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5800		25	12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Antimony	1.6		1.2	0.49	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Barium	67	B	25	0.089	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Beryllium	0.16	J	0.62	0.054	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Calcium	4300	B	620	20	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Cadmium	0.44		0.25	0.045	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Cobalt	13		6.2	0.20	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Chromium	170	B	1.2	0.25	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Copper	4300		16	4.6	mg/Kg	☼	08/11/11 11:10	08/12/11 22:15	5
Iron	29000	B	12	6.1	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Potassium	720	B	620	7.7	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Magnesium	2300		620	6.4	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Manganese	260	B	1.9	0.092	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Silver	0.92		0.62	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Sodium	390	J	620	82	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Nickel	1600		5.0	0.34	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Vanadium	15		6.2	0.15	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Zinc	4400		12	6.2	mg/Kg	☼	08/11/11 11:10	08/12/11 22:15	5
Arsenic	8.5		1.2	0.37	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Lead	140		0.37	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Selenium	0.62	U	0.62	0.56	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1
Thallium	1.2	U	1.2	0.69	mg/Kg	☼	08/11/11 11:10	08/12/11 12:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-06
Date Collected: 08/08/11 14:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-6
Matrix: Solid
Percent Solids: 77.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.12	0.019	mg/Kg	☼	08/11/11 13:50	08/12/11 12:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-06
Date Collected: 08/08/11 14:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-6
Matrix: Solid
Percent Solids: 77.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.0		1.0	0.35	mg/Kg	☼	08/12/11 10:49	08/16/11 13:21	1
Cyanide, Total	1.5		0.61	0.12	mg/Kg	☼	08/22/11 10:42	08/22/11 13:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-07
Date Collected: 08/08/11 15:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-7
Matrix: Solid
Percent Solids: 91.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7400**		22	10	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Antimony	1.1	U	1.1	0.42	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Barium	**94**	**B**	22	0.076	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Beryllium	**0.44**	**J**	0.54	0.046	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Calcium	**1800**	**B**	540	17	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Cadmium	0.22	U	0.22	0.039	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Cobalt	**9.3**		5.4	0.17	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Chromium	**13**	**B**	1.1	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Copper	**35**		2.7	0.80	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Iron	**28000**	**B**	11	5.3	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Potassium	**720**	**B**	540	6.7	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Magnesium	**2200**		540	5.5	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Manganese	**820**	**B**	1.6	0.080	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Silver	0.54	U	0.54	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Sodium	540	U	540	71	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Nickel	**39**		4.3	0.29	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Vanadium	**23**		5.4	0.13	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Zinc	**85**		2.2	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Arsenic	**15**		1.1	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Lead	**13**		0.32	0.20	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Selenium	0.54	U L	0.54	0.48	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1
Thallium	**0.59**	**J**	1.1	0.59	mg/Kg	☼	08/11/11 11:10	08/12/11 12:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-07
Date Collected: 08/08/11 15:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-7
Matrix: Solid
Percent Solids: 91.1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.10	0.016	mg/Kg	☼	08/11/11 13:50	08/12/11 12:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-07
Date Collected: 08/08/11 15:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-7
Matrix: Solid
Percent Solids: 91.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.88	U	0.88	0.30	mg/Kg	☼	08/12/11 10:49	08/16/11 13:31	1
Cyanide, Total	0.54	U	0.54	0.11	mg/Kg	☼	08/18/11 12:53	08/18/11 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-08
Date Collected: 08/08/11 16:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-8
Matrix: Solid
Percent Solids: 77.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9600**		25	12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Antimony	**0.56**	**J**	1.2	0.48	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Barium	**96**	**B**	25	0.088	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Beryllium	**0.39**	**J**	0.62	0.053	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Calcium	**4000**	**B**	620	20	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Cadmium	**0.16**	**J**	0.25	0.045	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Cobalt	**17**		6.2	0.20	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Chromium	**140**	**B**	1.2	0.25	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Copper	**6000**		16	4.6	mg/Kg	☼	08/11/11 11:10	08/12/11 22:21	5
Iron	**27000**	**B**	12	6.1	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Potassium	**960**	**B**	620	7.7	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Magnesium	**2700**		620	6.3	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Manganese	**280**	**B**	1.9	0.092	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Silver	**0.33**	**J**	0.62	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Sodium	**300**	**J**	620	82	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Nickel	**2100**		5.0	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Vanadium	**21**		6.2	0.15	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Zinc	**3200**		12	6.2	mg/Kg	☼	08/11/11 11:10	08/12/11 22:21	5
Arsenic	**5.9**		1.2	0.37	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Lead	**39**		0.37	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Selenium	0.62	U	0.62	0.56	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1
Thallium	1.2	U	1.2	0.68	mg/Kg	☼	08/11/11 11:10	08/12/11 12:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-08
Date Collected: 08/08/11 16:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-8
Matrix: Solid
Percent Solids: 77.5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077	J	0.085	0.013	mg/Kg	☼	08/11/11 13:50	08/12/11 12:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-08
Date Collected: 08/08/11 16:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-8
Matrix: Solid
Percent Solids: 77.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.0	U	1.0	0.35	mg/Kg	☼	08/12/11 10:49	08/16/11 13:32	1
Cyanide, Total	**2.3**		0.65	0.13	mg/Kg	☼	08/22/11 10:42	08/22/11 13:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-09
Date Collected: 08/08/11 16:45
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-9
Matrix: Solid
Percent Solids: 79.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	11	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Antimony	1.2	U	1.2	0.45	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Barium	**120**	**B**	23	0.082	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Beryllium	**0.53**	**J**	0.58	0.050	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Calcium	**2700**	**B**	580	19	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Cadmium	0.23	U	0.23	0.042	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Cobalt	**5.5**	**J**	5.8	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Chromium	**17**	**B**	1.2	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Copper	**30**		2.9	0.86	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Iron	**23000**	**B**	12	5.7	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Potassium	**640**	**B**	580	7.2	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Magnesium	**2200**		580	5.9	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Manganese	**210**	**B**	1.7	0.086	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Silver	0.58	U	0.58	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Sodium	580	U	580	76	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Nickel	**19**		4.6	0.31	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Vanadium	**22**		5.8	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Zinc	**67**		2.3	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Arsenic	**6.9**		1.2	0.35	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Lead	**11**		0.35	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Selenium	0.58	U	0.58	0.52	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1
Thallium	**0.73**	**J**	1.2	0.64	mg/Kg	☼	08/11/11 11:10	08/12/11 12:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-09
Date Collected: 08/08/11 16:45
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-9
Matrix: Solid
Percent Solids: 79.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.10	0.015	mg/Kg	☼	08/11/11 13:50	08/12/11 12:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-09
Date Collected: 08/08/11 16:45
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-9
Matrix: Solid
Percent Solids: 79.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.0	U	1.0	0.34	mg/Kg	☼	08/12/11 10:49	08/16/11 13:33	1
Cyanide, Total	**0.17**	**J**	0.65	0.13	mg/Kg	☼	08/11/11 14:49	08/11/11 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-10
Date Collected: 08/08/11 17:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-10
Matrix: Solid
Percent Solids: 82.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10000**		22	11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Antimony	1.1	U	1.1	0.43	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Barium	**100**	**B**	22	0.079	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Beryllium	**0.40**	**J**	0.56	0.048	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Calcium	**3600**	**B**	560	18	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Cadmium	**0.12**	**J**	0.22	0.040	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Cobalt	**13**		5.6	0.18	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Chromium	**27**	**B**	1.1	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Copper	**230**		2.8	0.82	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Iron	**31000**	**B**	11	5.5	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Potassium	**1200**	**B**	560	6.9	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Magnesium	**3800**		560	5.7	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Manganese	**500**	**B**	1.7	0.082	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Silver	0.56	U	0.56	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Sodium	560	U	560	73	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Nickel	**100**		4.5	0.30	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Vanadium	**22**		5.6	0.13	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Zinc	**420**		2.2	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Arsenic	**13**		1.1	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Lead	**19**		0.33	0.21	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Selenium	0.56	U L	0.56	0.50	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1
Thallium	**1.3**		1.1	0.61	mg/Kg	☼	08/11/11 11:10	08/12/11 11:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-10
Date Collected: 08/08/11 17:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-10
Matrix: Solid
Percent Solids: 82.4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.097	0.015	mg/Kg	☼	08/11/11 13:50	08/12/11 12:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-10
Date Collected: 08/08/11 17:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-10
Matrix: Solid
Percent Solids: 82.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.97	U	0.97	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 12:33	1
Cyanide, Total	0.59	U	0.59	0.12	mg/Kg	☼	08/11/11 14:49	08/11/11 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-11
Date Collected: 08/08/11 18:05
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-11
Matrix: Solid
Percent Solids: 77.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8200		23	11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Antimony	2.2		1.2	0.46	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Barium	110	B	23	0.083	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Beryllium	0.28	J	0.58	0.050	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Calcium	16000	B	580	19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Cadmium	1.0		0.23	0.042	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Cobalt	15		5.8	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Chromium	860	B	1.2	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Copper	7700		58	17	mg/Kg	☼	08/11/11 11:10	08/12/11 22:03	20
Iron	31000	B	12	5.7	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Potassium	720	B	580	7.2	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Magnesium	3700		580	6.0	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Manganese	1600	B	1.8	0.086	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Silver	3.9		0.58	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Sodium	1400		580	77	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Nickel	3000		4.7	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Vanadium	25		5.8	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Zinc	19000		47	23	mg/Kg	☼	08/11/11 11:10	08/12/11 22:03	20
Arsenic	12		1.2	0.35	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Lead	200		0.35	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Selenium	1.1		0.58	0.53	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1
Thallium	1.5		1.2	0.64	mg/Kg	☼	08/11/11 11:10	08/12/11 11:31	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-11
Date Collected: 08/08/11 18:05
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-11
Matrix: Solid
Percent Solids: 77.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.13	0.019	mg/Kg	☼	08/11/11 13:50	08/12/11 12:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-11
Date Collected: 08/08/11 18:05
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-11
Matrix: Solid
Percent Solids: 77.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.0	U	1.0	0.35	mg/Kg	☼	08/12/11 10:49	08/16/11 13:36	1
Cyanide, Total	**3.1**		0.66	0.13	mg/Kg	☼	08/22/11 10:42	08/22/11 13:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-12
Date Collected: 08/08/11 18:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-12
Matrix: Solid
Percent Solids: 88.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**24000**		22	11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Antimony	1.1	U	1.1	0.43	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Barium	**290**	**B**	22	0.078	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Beryllium	**8.4**		0.55	0.047	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Calcium	**260000**	**B**	2800	88	mg/Kg	☼	08/11/11 11:10	08/12/11 21:32	5
Cadmium	0.22	U	0.22	0.040	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Cobalt	**0.78**	**J**	5.5	0.18	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Chromium	**3.4**	**B**	1.1	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Copper	**1.5**	**J**	2.8	0.82	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Iron	**3300**	**B**	11	5.4	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Potassium	**970**	**B**	550	6.8	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Magnesium	**36000**		550	5.6	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Manganese	**2300**	**B**	1.7	0.082	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Silver	0.55	U	0.55	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Sodium	**880**		550	73	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Nickel	**0.75**	**J**	4.4	0.30	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Vanadium	**4.0**	**J**	5.5	0.13	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Zinc	**2.5**		2.2	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Arsenic	**1.2**		1.1	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Lead	**0.85**		0.33	0.21	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Selenium	**4.2**		0.55	0.50	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1
Thallium	**2.6**		1.1	0.61	mg/Kg	☼	08/11/11 11:10	08/12/11 10:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-12
Date Collected: 08/08/11 18:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-12
Matrix: Solid
Percent Solids: 88.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	U	0.11	0.017	mg/Kg	☼	08/11/11 13:50	08/12/11 11:48	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-12
Date Collected: 08/08/11 18:20
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-12
Matrix: Solid
Percent Solids: 88.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.90	U	0.90	0.30	mg/Kg	☼	08/12/11 10:49	08/16/11 13:37	1
Cyanide, Total	**0.69**		0.58	0.12	mg/Kg	☼	08/22/11 10:42	08/22/11 15:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**31**	**H**	18	5.6	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Benzene	4.4	U H	4.4	0.20	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Dichlorobromomethane	4.4	U H	4.4	0.25	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Bromoform	4.4	U H	4.4	0.29	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Bromomethane	4.4	U H	4.4	0.48	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
2-Butanone (MEK)	18	U H	18	1.2	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Carbon disulfide	**3.6**	**J H**	4.4	0.39	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Carbon tetrachloride	4.4	U H	4.4	0.33	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Chlorobenzene	4.4	U H	4.4	0.29	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Chloroethane	4.4	U H *	4.4	0.76	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Chloroform	4.4	U H	4.4	0.26	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Chloromethane	4.4	U H	4.4	0.36	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,1-Dichloroethane	4.4	U H	4.4	0.32	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,2-Dichloroethane	4.4	U H	4.4	0.30	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,1-Dichloroethene	4.4	U H	4.4	0.46	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,2-Dichloropropane	4.4	U H	4.4	0.61	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
cis-1,3-Dichloropropene	4.4	U H	4.4	0.30	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
trans-1,3-Dichloropropene	4.4	U H	4.4	0.48	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Ethylbenzene	4.4	U H	4.4	0.23	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
2-Hexanone	18	U H	18	0.56	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Methylene Chloride	**1.6**	**J H**	4.4	0.59	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
4-Methyl-2-pentanone (MIBK)	**0.51**	**J H**	18	0.48	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Styrene	4.4	U H	4.4	0.13	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,1,2,2-Tetrachloroethane	4.4	U H	4.4	0.30	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Tetrachloroethene	4.4	U H	4.4	0.46	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Toluene	**0.28**	**J H**	4.4	0.24	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Trichloroethene	**0.40**	**J H**	4.4	0.37	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Vinyl chloride	4.4	U H	4.4	0.34	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Xylenes, Total	8.8	U H	8.8	0.59	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,1,1-Trichloroethane	4.4	U H	4.4	0.49	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,1,2-Trichloroethane	4.4	U H	4.4	0.34	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Cyclohexane	8.8	U H	8.8	0.29	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,2-Dibromo-3-Chloropropane	8.8	U H	8.8	1.1	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Ethylene Dibromide	4.4	U H	4.4	0.44	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Dichlorodifluoromethane	4.4	U H	4.4	0.44	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
cis-1,2-Dichloroethene	4.4	U H	4.4	0.32	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
trans-1,2-Dichloroethene	4.4	U H	4.4	0.36	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Isopropylbenzene	4.4	U H	4.4	0.14	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Methyl acetate	8.8	U H	8.8	1.2	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Methyl tert-butyl ether	18	U H	18	0.38	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.4	U H	4.4	1.1	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,2,4-Trichlorobenzene	4.4	U H	4.4	0.24	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,2-Dichlorobenzene	4.4	U H	4.4	0.32	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,3-Dichlorobenzene	4.4	U H	4.4	0.31	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
1,4-Dichlorobenzene	4.4	U H	4.4	0.58	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Trichlorofluoromethane	4.4	U H	4.4	0.30	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Chlorodibromomethane	4.4	U H	4.4	0.49	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1
Methylcyclohexane	**0.89**	**J H**	8.8	0.27	ug/Kg	☼	08/10/11 18:51	08/11/11 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 123	08/10/11 18:51	08/11/11 19:11	1
4-Bromofluorobenzene (Surr)	98		52 - 136	08/10/11 18:51	08/11/11 19:11	1
Toluene-d8 (Surr)	106		67 - 125	08/10/11 18:51	08/11/11 19:11	1
Dibromofluoromethane (Surr)	66		37 - 132	08/10/11 18:51	08/11/11 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,2'-oxybis[1-chloropropane]	1100	U	1100	110	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,4,5-Trichlorophenol	1700	U	1700	290	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,4,6-Trichlorophenol	1700	U	1700	910	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,4-Dichlorophenol	1700	U	1700	230	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,4-Dimethylphenol	1700	U	1700	230	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,4-Dinitrophenol	3800	U	3800	910	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,4-Dinitrotoluene	2300	U	2300	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2,6-Dinitrotoluene	2300	U	2300	240	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2-Chloronaphthalene	570	U	570	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2-Chlorophenol	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2-Methylnaphthalene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2-Methylphenol	2300	U	2300	910	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2-Nitroaniline	2300	U	2300	100	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
2-Nitrophenol	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
3,3'-Dichlorobenzidine	1100	U	1100	210	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
3-Nitroaniline	2300	U	2300	180	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4,6-Dinitro-2-methylphenol	1700	U	1700	910	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4-Bromophenyl phenyl ether	570	U	570	150	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4-Chloro-3-methylphenol	1700	U	1700	240	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4-Chloroaniline	1700	U	1700	190	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4-Chlorophenyl phenyl ether	570	U	570	150	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4-Nitroaniline	2300	U	2300	300	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
4-Nitrophenol	3800	U	3800	910	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Acenaphthene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Acenaphthylene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Acetophenone	1100	U	1100	110	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Anthracene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Atrazine	2300	U	2300	100	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Benzaldehyde	1100	U	1100	140	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Benzo[a]anthracene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Benzo[a]pyrene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Benzo[b]fluoranthene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Benzo[g,h,i]perylene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Benzo[k]fluoranthene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Bis(2-chloroethoxy)methane	1100	U	1100	250	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Bis(2-chloroethyl)ether	1100	U	1100	23	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Bis(2-ethylhexyl) phthalate	570	U	570	220	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Butyl benzyl phthalate	570	U	570	110	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Caprolactam	3800	U	3800	420	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Carbazole	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Chrysene	76	U	76	13	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Dibenz(a,h)anthracene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Dibenzofuran	570	U	570	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Diethyl phthalate	570	U	570	180	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Dimethyl phthalate	570	U	570	190	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Di-n-butyl phthalate	570	U	570	170	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Di-n-octyl phthalate	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Fluoranthene	**49**	**J**	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Fluorene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	76	U	76	24	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Hexachlorobutadiene	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Hexachlorocyclopentadiene	3800	U	3800	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Hexachloroethane	570	U	570	100	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Indeno[1,2,3-cd]pyrene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Isophorone	570	U	570	150	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Naphthalene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Nitrobenzene	1100	U	1100	25	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
N-Nitrosodi-n-propylamine	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
N-Nitrosodiphenylamine	570	U	570	240	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Pentachlorophenol	1700	U	1700	910	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Phenol	570	U	570	310	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Phenanthrene	76	U	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
Pyrene	**45**	**J**	76	38	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10
3 & 4 Methylphenol	4600	U	4600	230	ug/Kg	☼	08/19/11 09:58	08/24/11 21:47	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*92*		*34 - 110*	*08/19/11 09:58*	*08/24/11 21:47*	*10*
2-Fluorophenol (Surr)	*108*		*26 - 110*	*08/19/11 09:58*	*08/24/11 21:47*	*10*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 118*	*08/19/11 09:58*	*08/24/11 21:47*	*10*
Nitrobenzene-d5 (Surr)	*27*		*24 - 112*	*08/19/11 09:58*	*08/24/11 21:47*	*10*
Phenol-d5 (Surr)	*17*	*X*	*28 - 110*	*08/19/11 09:58*	*08/24/11 21:47*	*10*
Terphenyl-d14 (Surr)	*141*	*X*	*41 - 119*	*08/19/11 09:58*	*08/24/11 21:47*	*10*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	21000		22	11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Antimony	1.1	U	1.1	0.43	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Barium	230	B	22	0.079	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Beryllium	6.9		0.55	0.048	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Calcium	200000	B	2800	89	mg/Kg	☼	08/11/11 11:10	08/12/11 21:50	5
Cadmium	0.22	U	0.22	0.040	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Cobalt	1.8	J	5.5	0.18	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Chromium	22	B	1.1	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Copper	35		2.8	0.82	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Iron	4400	B	11	5.4	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Potassium	960	B	550	6.9	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Magnesium	31000		550	5.7	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Manganese	2000	B	1.7	0.082	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Silver	0.55	U	0.55	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Sodium	760		550	73	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Nickel	53		4.4	0.30	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Vanadium	6.8		5.5	0.13	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Zinc	76		2.2	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Arsenic	2.2		1.1	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Lead	6.8		0.33	0.21	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Selenium	2.7		0.55	0.50	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1
Thallium	1.9		1.1	0.61	mg/Kg	☼	08/11/11 11:10	08/12/11 10:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.081	U	0.081	0.012	mg/Kg	☼	08/11/11 13:50	08/12/11 11:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-13
Date Collected: 08/08/11 18:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-13
Matrix: Solid
Percent Solids: 87.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.85	J	0.91	0.31	mg/Kg	☼	08/12/11 10:49	08/16/11 12:45	1
Cyanide, Total	1.1		0.58	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 16:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-14
Date Collected: 08/09/11 08:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-14
Matrix: Solid
Percent Solids: 81.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7300**		24	12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Antimony	1.2	U	1.2	0.47	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Barium	**52**	**B**	24	0.086	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Beryllium	**0.34**	**J**	0.61	0.052	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Calcium	**1200**	**B**	610	19	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Cadmium	0.24	U	0.24	0.044	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Cobalt	**7.8**		6.1	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Chromium	**10**	**B**	1.2	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Copper	**7.9**		3.0	0.90	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Iron	**23000**	**B**	12	6.0	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Potassium	**490**	**J B**	610	7.5	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Magnesium	**1300**		610	6.2	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Manganese	**400**	**B**	1.8	0.090	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Silver	0.61	U	0.61	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Sodium	610	U	610	80	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Nickel	**7.8**		4.9	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Vanadium	**19**		6.1	0.15	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Zinc	**34**		2.4	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Arsenic	**13**		1.2	0.37	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Lead	**11**		0.37	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Selenium	0.61	U	0.61	0.55	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1
Thallium	1.2	U	1.2	0.67	mg/Kg	☼	08/11/11 11:10	08/12/11 12:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-14
Date Collected: 08/09/11 08:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-14
Matrix: Solid
Percent Solids: 81.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	U	0.12	0.018	mg/Kg	☼	08/11/11 13:50	08/12/11 12:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-14
Date Collected: 08/09/11 08:55
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-14
Matrix: Solid
Percent Solids: 81.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.8		0.98	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 12:47	1
Cyanide, Total	0.59	U	0.59	0.12	mg/Kg	☼	08/18/11 12:53	08/18/11 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-15
Date Collected: 08/09/11 09:05
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-15
Matrix: Solid
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9200**		24	11	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Antimony	1.2	U	1.2	0.46	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Barium	**36**	**B**	24	0.083	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Beryllium	**0.35**	**J**	0.59	0.051	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Calcium	**2500**	**B**	590	19	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Cadmium	0.24	U	0.24	0.042	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Cobalt	**9.7**		5.9	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Chromium	**16**	**B**	1.2	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Copper	**26**		2.9	0.87	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Iron	**30000**	**B**	12	5.8	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Potassium	**1500**	**B**	590	7.3	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Magnesium	**3700**		590	6.0	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Manganese	**300**	**B**	1.8	0.087	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Silver	0.59	U	0.59	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Sodium	590	U	590	78	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Nickel	**29**		4.7	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Vanadium	**18**		5.9	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Zinc	**84**		2.4	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Arsenic	**26**		1.2	0.35	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Lead	**11**		0.35	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Selenium	0.59	U	0.59	0.53	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1
Thallium	1.2	U	1.2	0.65	mg/Kg	☼	08/11/11 11:10	08/12/11 10:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-15
Date Collected: 08/09/11 09:05
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-15
Matrix: Solid
Percent Solids: 82.6

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	U	0.12	0.017	mg/Kg	☼	08/11/11 13:50	08/12/11 11:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-15
Date Collected: 08/09/11 09:05
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-15
Matrix: Solid
Percent Solids: 82.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.97	U	0.97	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 12:57	1
Cyanide, Total	0.59	U	0.59	0.12	mg/Kg	☼	08/18/11 12:53	08/18/11 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	22	U	22	6.9	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Benzene	5.4	U	5.4	0.25	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Dichlorobromomethane	5.4	U	5.4	0.30	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Bromoform	5.4	U	5.4	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Bromomethane	5.4	U	5.4	0.59	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
2-Butanone (MEK)	22	U	22	1.5	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Carbon disulfide	**1.0**	**J**	5.4	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Carbon tetrachloride	5.4	U	5.4	0.40	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Chlorobenzene	5.4	U	5.4	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Chloroethane	5.4	U *	5.4	0.94	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Chloroform	5.4	U	5.4	0.32	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Chloromethane	5.4	U	5.4	0.45	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,1-Dichloroethane	5.4	U	5.4	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,2-Dichloroethane	5.4	U	5.4	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,1-Dichloroethene	5.4	U	5.4	0.57	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,2-Dichloropropane	5.4	U	5.4	0.75	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
cis-1,3-Dichloropropene	5.4	U	5.4	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
trans-1,3-Dichloropropene	5.4	U	5.4	0.59	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Ethylbenzene	5.4	U	5.4	0.28	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
2-Hexanone	22	U	22	0.69	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Methylene Chloride	**0.77**	**J**	5.4	0.73	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
4-Methyl-2-pentanone (MIBK)	22	U	22	0.59	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Styrene	5.4	U	5.4	0.16	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,1,2,2-Tetrachloroethane	5.4	U	5.4	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Tetrachloroethene	5.4	U	5.4	0.57	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Toluene	5.4	U	5.4	0.29	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Trichloroethene	5.4	U	5.4	0.46	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Vinyl chloride	5.4	U	5.4	0.42	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Xylenes, Total	11	U	11	0.73	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,1,1-Trichloroethane	5.4	U	5.4	0.61	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,1,2-Trichloroethane	5.4	U	5.4	0.42	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Cyclohexane	11	U	11	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,2-Dibromo-3-Chloropropane	11	U	11	1.4	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Ethylene Dibromide	5.4	U	5.4	0.54	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Dichlorodifluoromethane	5.4	U	5.4	0.54	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
cis-1,2-Dichloroethene	5.4	U	5.4	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
trans-1,2-Dichloroethene	5.4	U	5.4	0.45	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Isopropylbenzene	5.4	U	5.4	0.17	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Methyl acetate	**12**		11	1.5	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Methyl tert-butyl ether	22	U	22	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	U	5.4	1.4	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,2,4-Trichlorobenzene	5.4	U	5.4	0.29	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,2-Dichlorobenzene	5.4	U	5.4	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,3-Dichlorobenzene	5.4	U	5.4	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
1,4-Dichlorobenzene	5.4	U	5.4	0.72	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Trichlorofluoromethane	5.4	U	5.4	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Chlorodibromomethane	5.4	U	5.4	0.60	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1
Methylcyclohexane	11	U	11	0.34	ug/Kg	☼	08/10/11 18:44	08/11/11 19:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		58 - 123	08/10/11 18:44	08/11/11 19:32	1
4-Bromofluorobenzene (Surr)	99		52 - 136	08/10/11 18:44	08/11/11 19:32	1
Toluene-d8 (Surr)	107		67 - 125	08/10/11 18:44	08/11/11 19:32	1
Dibromofluoromethane (Surr)	93		37 - 132	08/10/11 18:44	08/11/11 19:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,2'-oxybis[1-chloropropane]	250	U	250	24	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,4,5-Trichlorophenol	370	U	370	62	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,4,6-Trichlorophenol	370	U	370	200	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,4-Dichlorophenol	370	U	370	50	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,4-Dimethylphenol	370	U	370	50	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,4-Dinitrophenol	820	U	820	200	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,4-Dinitrotoluene	500	U	500	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2,6-Dinitrotoluene	500	U	500	52	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2-Chloronaphthalene	120	U	120	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2-Chlorophenol	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2-Methylnaphthalene	**110**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2-Methylphenol	500	U	500	200	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2-Nitroaniline	500	U	500	23	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
2-Nitrophenol	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
3,3'-Dichlorobenzidine	250	U	250	45	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
3-Nitroaniline	500	U	500	40	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4,6-Dinitro-2-methylphenol	370	U	370	200	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4-Bromophenyl phenyl ether	120	U	120	32	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4-Chloro-3-methylphenol	370	U	370	52	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4-Chloroaniline	370	U	370	42	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4-Chlorophenyl phenyl ether	120	U	120	32	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4-Nitroaniline	500	U	500	64	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
4-Nitrophenol	820	U	820	200	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Acenaphthene	**290**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Acenaphthylene	17	U	17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Acetophenone	250	U	250	23	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Anthracene	**560**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Atrazine	500	U	500	23	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Benzaldehyde	250	U	250	30	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Benzo[a]anthracene	**690**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Benzo[a]pyrene	**600**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Benzo[b]fluoranthene	**810**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Benzo[g,h,i]perylene	**390**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Benzo[k]fluoranthene	**430**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Bis(2-chloroethoxy)methane	250	U	250	55	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Bis(2-chloroethyl)ether	250	U	250	5.0	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Bis(2-ethylhexyl) phthalate	120	U	120	47	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Butyl benzyl phthalate	120	U	120	25	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Caprolactam	820	U	820	92	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Carbazole	**260**		120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Chrysene	**630**		17	2.7	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Dibenz(a,h)anthracene	17	U	17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Dibenzofuran	**260**		120	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Diethyl phthalate	120	U	120	40	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Dimethyl phthalate	120	U	120	42	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Di-n-butyl phthalate	120	U	120	37	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Di-n-octyl phthalate	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Fluoranthene	**2000**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Fluorene	**350**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	17	U	17	5.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Hexachlorobutadiene	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Hexachlorocyclopentadiene	820	U	820	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Hexachloroethane	120	U	120	22	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Indeno[1,2,3-cd]pyrene	**310**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Isophorone	120	U	120	32	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Naphthalene	**72**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Nitrobenzene	250	U	250	5.5	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
N-Nitrosodi-n-propylamine	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
N-Nitrosodiphenylamine	120	U	120	52	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Pentachlorophenol	370	U	370	200	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Phenol	120	U	120	67	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Phenanthrene	**2300**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
Pyrene	**1500**		17	8.2	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2
3 & 4 Methylphenol	990	U	990	50	ug/Kg	☼	08/19/11 09:58	08/24/11 15:55	2

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*52*		*34 - 110*	*08/19/11 09:58*	*08/24/11 15:55*	*2*
2-Fluorophenol (Surr)	*47*		*26 - 110*	*08/19/11 09:58*	*08/24/11 15:55*	*2*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 118*	*08/19/11 09:58*	*08/24/11 15:55*	*2*
Nitrobenzene-d5 (Surr)	*26*		*24 - 112*	*08/19/11 09:58*	*08/24/11 15:55*	*2*
Phenol-d5 (Surr)	*21*	*X*	*28 - 110*	*08/19/11 09:58*	*08/24/11 15:55*	*2*
Terphenyl-d14 (Surr)	*57*		*41 - 119*	*08/19/11 09:58*	*08/24/11 15:55*	*2*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		25	12	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Antimony	1.2	U	1.2	0.48	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Barium	110	B	25	0.087	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Beryllium	0.71		0.61	0.053	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Calcium	18000	B	610	20	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Cadmium	0.62		0.25	0.044	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Cobalt	7.1		6.1	0.20	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Chromium	33	B	1.2	0.25	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Copper	120		3.1	0.91	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Iron	17000	B	12	6.0	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Potassium	880	B	610	7.6	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Magnesium	4500		610	6.3	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Manganese	390	B	1.8	0.091	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Silver	0.14	J	0.61	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Sodium	160	J	610	81	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Nickel	36		4.9	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Vanadium	20		6.1	0.15	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Zinc	730		2.5	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Arsenic	7.7		1.2	0.37	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Lead	20		0.37	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Selenium	0.61	U	0.61	0.55	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1
Thallium	1.2		1.2	0.68	mg/Kg	☼	08/11/11 11:10	08/12/11 09:49	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.099	J	0.12	0.018	mg/Kg	☼	08/11/11 13:50	08/12/11 11:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-16
Date Collected: 08/09/11 09:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-16
Matrix: Solid
Percent Solids: 80.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.57	J	0.99	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 13:42	1
Cyanide, Total	0.61	U	0.61	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-17
Date Collected: 08/09/11 09:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-17
Matrix: Solid
Percent Solids: 81.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		24	12	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Antimony	1.2	U	1.2	0.47	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Barium	**96**	**B**	24	0.085	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Beryllium	**0.37**	**J**	0.60	0.052	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Calcium	**2500**	**B**	600	19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Cadmium	0.24	U	0.24	0.043	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Cobalt	**9.1**		6.0	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Chromium	**18**	**B**	1.2	0.24	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Copper	**26**		3.0	0.89	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Iron	**28000**	**B**	12	5.9	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Potassium	**1100**	**B**	600	7.4	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Magnesium	**3500**		600	6.1	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Manganese	**410**	**B**	1.8	0.089	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Silver	0.60	U	0.60	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Sodium	600	U	600	79	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Nickel	**35**		4.8	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Vanadium	**21**		6.0	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Zinc	**72**		2.4	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Arsenic	**7.8**		1.2	0.36	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Lead	**8.9**		0.36	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Selenium	0.60	U	0.60	0.54	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1
Thallium	**1.0**	**J**	1.2	0.66	mg/Kg	☼	08/11/11 11:10	08/12/11 11:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-17
Date Collected: 08/09/11 09:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-17
Matrix: Solid
Percent Solids: 81.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	U	0.10	0.016	mg/Kg	☼	08/11/11 13:50	08/12/11 12:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-17
Date Collected: 08/09/11 09:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-17
Matrix: Solid
Percent Solids: 81.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.98	U	0.98	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 13:03	1
Cyanide, Total	0.58	U	0.58	0.12	mg/Kg	☼	08/18/11 12:53	08/18/11 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Benzene	5.0	U	5.0	0.23	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Bromoform	5.0	U	5.0	0.33	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Bromomethane	5.0	U	5.0	0.54	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Carbon disulfide	**0.97**	**J**	5.0	0.44	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Chloroethane	5.0	U *	5.0	0.87	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Chloroform	5.0	U	5.0	0.29	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
2-Hexanone	20	U	20	0.63	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Methylene Chloride	**1.7**	**J**	5.0	0.67	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Styrene	5.0	U	5.0	0.15	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Toluene	5.0	U	5.0	0.27	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Xylenes, Total	10	U	10	0.67	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Cyclohexane	10	U	10	0.33	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Methyl acetate	**4.9**	**J**	10	1.4	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Methyl tert-butyl ether	20	U	20	0.43	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.27	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1
Methylcyclohexane	10	U	10	0.31	ug/Kg	☼	08/10/11 18:44	08/11/11 19:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		58 - 123	08/10/11 18:44	08/11/11 19:54	1
4-Bromofluorobenzene (Surr)	101		52 - 136	08/10/11 18:44	08/11/11 19:54	1
Toluene-d8 (Surr)	107		67 - 125	08/10/11 18:44	08/11/11 19:54	1
Dibromofluoromethane (Surr)	90		37 - 132	08/10/11 18:44	08/11/11 19:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,2'-oxybis[1-chloropropane]	120	U	120	12	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,4,5-Trichlorophenol	180	U	180	31	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,4,6-Trichlorophenol	180	U	180	98	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,4-Dichlorophenol	180	U	180	24	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,4-Dimethylphenol	180	U	180	24	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,4-Dinitrophenol	400	U	400	98	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,4-Dinitrotoluene	240	U	240	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2,6-Dinitrotoluene	240	U	240	26	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2-Chloronaphthalene	61	U	61	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2-Chlorophenol	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2-Methylnaphthalene	**43**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2-Methylphenol	240	U	240	98	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2-Nitroaniline	240	U	240	11	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
2-Nitrophenol	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
3,3'-Dichlorobenzidine	120	U	120	22	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
3-Nitroaniline	240	U	240	20	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4,6-Dinitro-2-methylphenol	180	U	180	98	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4-Bromophenyl phenyl ether	61	U	61	16	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4-Chloro-3-methylphenol	180	U	180	26	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4-Chloroaniline	180	U	180	21	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4-Chlorophenyl phenyl ether	61	U	61	16	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4-Nitroaniline	240	U	240	32	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
4-Nitrophenol	400	U	400	98	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Acenaphthene	**20**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Acenaphthylene	8.2	U	8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Acetophenone	120	U	120	11	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Anthracene	**28**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Atrazine	240	U	240	11	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Benzaldehyde	120	U	120	15	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Benzo[a]anthracene	**42**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Benzo[a]pyrene	**35**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Benzo[b]fluoranthene	**54**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Benzo[g,h,i]perylene	**28**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Benzo[k]fluoranthene	**33**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Bis(2-chloroethoxy)methane	120	U	120	27	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Bis(2-chloroethyl)ether	120	U	120	2.4	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Bis(2-ethylhexyl) phthalate	**95**		61	23	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Butyl benzyl phthalate	61	U	61	12	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Caprolactam	400	U	400	45	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Carbazole	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Chrysene	**48**		8.2	1.3	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Dibenz(a,h)anthracene	8.2	U	8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Dibenzofuran	**16**	**J**	61	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Diethyl phthalate	61	U	61	20	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Dimethyl phthalate	61	U	61	21	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Di-n-butyl phthalate	**31**	**J**	61	18	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Di-n-octyl phthalate	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Fluoranthene	**110**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Fluorene	**15**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	8.2	U	8.2	2.6	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Hexachlorobutadiene	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Hexachlorocyclopentadiene	400	U	400	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Hexachloroethane	61	U	61	11	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Indeno[1,2,3-cd]pyrene	**23**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Isophorone	61	U	61	16	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Naphthalene	**31**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Nitrobenzene	120	U	120	2.7	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
N-Nitrosodi-n-propylamine	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
N-Nitrosodiphenylamine	61	U	61	26	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Pentachlorophenol	180	U	180	98	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Phenol	61	U	61	33	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Phenanthrene	**100**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
Pyrene	**86**		8.2	4.0	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1
3 & 4 Methylphenol	490	U	490	24	ug/Kg	☼	08/19/11 09:58	08/29/11 12:13	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*34 - 110*	*08/19/11 09:58*	*08/29/11 12:13*	*1*
2-Fluorophenol (Surr)	*95*		*26 - 110*	*08/19/11 09:58*	*08/29/11 12:13*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 118*	*08/19/11 09:58*	*08/29/11 12:13*	*1*
Nitrobenzene-d5 (Surr)	*79*		*24 - 112*	*08/19/11 09:58*	*08/29/11 12:13*	*1*
Phenol-d5 (Surr)	*86*		*28 - 110*	*08/19/11 09:58*	*08/29/11 12:13*	*1*
Terphenyl-d14 (Surr)	*80*		*41 - 119*	*08/19/11 09:58*	*08/29/11 12:13*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9500**		22	10	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Antimony	1.1	U	1.1	0.42	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Barium	**90**	**B**	22	0.077	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Beryllium	**0.49**	**J**	0.54	0.047	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Calcium	**5900**	**B**	540	17	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Cadmium	0.22	U	0.22	0.039	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Cobalt	**5.1**	**J**	5.4	0.17	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Chromium	**27**	**B**	1.1	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Copper	**60**		2.7	0.80	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Iron	**16000**	**B**	11	5.3	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Potassium	**690**	**B**	540	6.7	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Magnesium	**2300**		540	5.5	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Manganese	**190**	**B**	1.6	0.080	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Silver	0.54	U	0.54	0.11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Sodium	540	U	540	72	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Nickel	**29**		4.3	0.29	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Vanadium	**20**		5.4	0.13	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Zinc	**130**		2.2	1.1	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Arsenic	**5.5**		1.1	0.33	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Lead	**17**		0.33	0.21	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Selenium	0.54	U	0.54	0.49	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1
Thallium	1.1	U	1.1	0.60	mg/Kg	☼	08/11/11 11:10	08/12/11 11:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023	J	0.11	0.017	mg/Kg	☼	08/11/11 13:50	08/12/11 11:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-19
Date Collected: 08/09/11 10:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-19
Matrix: Solid
Percent Solids: 81.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.98	U	0.98	0.33	mg/Kg	☼	08/12/11 10:49	08/16/11 13:05	1
Cyanide, Total	0.61	U	0.61	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	29	U	29	9.0	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Benzene	7.1	U	7.1	0.33	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Dichlorobromomethane	7.1	U	7.1	0.40	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Bromoform	7.1	U	7.1	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Bromomethane	7.1	U	7.1	0.77	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
2-Butanone (MEK)	29	U	29	2.0	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Carbon disulfide	**1.3**	**J**	7.1	0.63	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Carbon tetrachloride	7.1	U	7.1	0.53	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Chlorobenzene	7.1	U	7.1	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Chloroethane	7.1	U *	7.1	1.2	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Chloroform	7.1	U	7.1	0.41	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Chloromethane	7.1	U	7.1	0.58	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,1-Dichloroethane	7.1	U	7.1	0.51	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,2-Dichloroethane	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,1-Dichloroethene	7.1	U	7.1	0.74	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,2-Dichloropropane	7.1	U	7.1	0.98	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
cis-1,3-Dichloropropene	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
trans-1,3-Dichloropropene	7.1	U	7.1	0.77	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Ethylbenzene	7.1	U	7.1	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
2-Hexanone	29	U	29	0.90	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Methylene Chloride	**2.5**	**J**	7.1	0.96	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
4-Methyl-2-pentanone (MIBK)	29	U	29	0.77	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Styrene	7.1	U	7.1	0.21	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,1,2,2-Tetrachloroethane	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Tetrachloroethene	7.1	U	7.1	0.74	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Toluene	7.1	U	7.1	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Trichloroethene	7.1	U	7.1	0.60	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Vinyl chloride	7.1	U	7.1	0.56	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Xylenes, Total	14	U	14	0.96	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,1,1-Trichloroethane	7.1	U	7.1	0.80	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,1,2-Trichloroethane	7.1	U	7.1	0.56	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Cyclohexane	14	U	14	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,2-Dibromo-3-Chloropropane	14	U	14	1.9	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Ethylene Dibromide	7.1	U	7.1	0.71	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Dichlorodifluoromethane	7.1	U	7.1	0.71	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
cis-1,2-Dichloroethene	7.1	U	7.1	0.51	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
trans-1,2-Dichloroethene	7.1	U	7.1	0.58	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Isopropylbenzene	7.1	U	7.1	0.23	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Methyl acetate	**18**		14	2.0	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Methyl tert-butyl ether	29	U	29	0.61	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	7.1	1.9	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,2,4-Trichlorobenzene	7.1	U	7.1	0.39	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,2-Dichlorobenzene	7.1	U	7.1	0.51	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,3-Dichlorobenzene	7.1	U	7.1	0.50	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
1,4-Dichlorobenzene	7.1	U	7.1	0.94	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Trichlorofluoromethane	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Chlorodibromomethane	7.1	U	7.1	0.78	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1
Methylcyclohexane	14	U	14	0.44	ug/Kg	☼	08/10/11 18:44	08/11/11 20:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 123	08/10/11 18:44	08/11/11 20:15	1
4-Bromofluorobenzene (Surr)	115		52 - 136	08/10/11 18:44	08/11/11 20:15	1
Toluene-d8 (Surr)	118		67 - 125	08/10/11 18:44	08/11/11 20:15	1
Dibromofluoromethane (Surr)	90		37 - 132	08/10/11 18:44	08/11/11 20:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,2'-oxybis[1-chloropropane]	130	U	130	13	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,4,5-Trichlorophenol	200	U	200	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,4,6-Trichlorophenol	200	U	200	110	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,4-Dichlorophenol	200	U	200	26	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,4-Dimethylphenol	200	U	200	26	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,4-Dinitrophenol	440	U	440	110	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,4-Dinitrotoluene	260	U	260	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2,6-Dinitrotoluene	260	U	260	28	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2-Chloronaphthalene	66	U	66	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2-Chlorophenol	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2-Methylnaphthalene	**24**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2-Methylphenol	260	U	260	110	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2-Nitroaniline	260	U	260	12	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
2-Nitrophenol	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
3,3'-Dichlorobenzidine	130	U	130	24	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
3-Nitroaniline	260	U	260	21	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4,6-Dinitro-2-methylphenol	200	U	200	110	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4-Bromophenyl phenyl ether	66	U	66	17	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4-Chloro-3-methylphenol	200	U	200	28	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4-Chloroaniline	200	U	200	22	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4-Chlorophenyl phenyl ether	66	U	66	17	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4-Nitroaniline	260	U	260	34	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
4-Nitrophenol	440	U	440	110	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Acenaphthene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Acenaphthylene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Acetophenone	130	U	130	12	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Anthracene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Atrazine	260	U	260	12	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Benzaldehyde	130	U	130	16	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Benzo[a]anthracene	**16**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Benzo[a]pyrene	**16**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Benzo[b]fluoranthene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Benzo[g,h,i]perylene	**16**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Benzo[k]fluoranthene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Bis(2-chloroethoxy)methane	130	U	130	29	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Bis(2-chloroethyl)ether	130	U	130	2.6	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Bis(2-ethylhexyl) phthalate	**390**		66	25	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Butyl benzyl phthalate	66	U	66	13	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Caprolactam	440	U	440	49	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Carbazole	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Chrysene	**25**		8.8	1.5	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Dibenz(a,h)anthracene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Dibenzofuran	**6.2**	**J**	66	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Diethyl phthalate	66	U	66	21	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Dimethyl phthalate	66	U	66	22	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Di-n-butyl phthalate	66	U	66	20	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Di-n-octyl phthalate	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Fluoranthene	**29**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Fluorene	8.8	U	8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	8.8	U	8.8	2.8	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Hexachlorobutadiene	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Hexachlorocyclopentadiene	440	U	440	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Hexachloroethane	66	U	66	12	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Indeno[1,2,3-cd]pyrene	**11**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Isophorone	66	U	66	17	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Naphthalene	**11**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Nitrobenzene	130	U	130	2.9	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
N-Nitrosodi-n-propylamine	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
N-Nitrosodiphenylamine	66	U	66	28	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Pentachlorophenol	200	U	200	110	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Phenol	66	U	66	36	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Phenanthrene	**25**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
Pyrene	**26**		8.8	4.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1
3 & 4 Methylphenol	530	U	530	26	ug/Kg	☼	08/19/11 09:58	08/23/11 20:40	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*54*		*34 - 110*	*08/19/11 09:58*	*08/23/11 20:40*	*1*
2-Fluorophenol (Surr)	*54*		*26 - 110*	*08/19/11 09:58*	*08/23/11 20:40*	*1*
2,4,6-Tribromophenol (Surr)	*42*		*10 - 118*	*08/19/11 09:58*	*08/23/11 20:40*	*1*
Nitrobenzene-d5 (Surr)	*42*		*24 - 112*	*08/19/11 09:58*	*08/23/11 20:40*	*1*
Phenol-d5 (Surr)	*58*		*28 - 110*	*08/19/11 09:58*	*08/23/11 20:40*	*1*
Terphenyl-d14 (Surr)	*72*		*41 - 119*	*08/19/11 09:58*	*08/23/11 20:40*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		23	11	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Antimony	18		1.2	0.46	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Barium	120	B	23	0.083	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Beryllium	0.64		0.58	0.050	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Calcium	43000	B	580	19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Cadmium	0.45		0.23	0.042	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Cobalt	7.7		5.8	0.19	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Chromium	4500	B	1.2	0.23	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Copper	1200		2.9	0.86	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Iron	24000	B	12	5.7	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Potassium	830	B	580	7.2	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Magnesium	4600		580	6.0	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Manganese	1100	B	1.8	0.086	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Silver	0.13	J	0.58	0.12	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Sodium	160	J	580	77	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Nickel	2900		4.7	0.32	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Vanadium	33		5.8	0.14	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Zinc	720		2.3	1.2	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Arsenic	8.4		1.2	0.35	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Lead	29		0.35	0.22	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Selenium	0.58	U	0.58	0.53	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1
Thallium	1.3		1.2	0.64	mg/Kg	☼	08/11/11 11:10	08/12/11 11:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.084	J	0.13	0.020	mg/Kg	☼	08/11/11 13:50	08/12/11 12:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-20
Date Collected: 08/09/11 11:40
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-20
Matrix: Solid
Percent Solids: 75.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	6.3		1.1	0.36	mg/Kg	☼	08/12/11 10:49	08/16/11 13:43	1
Cyanide, Total	0.63	U	0.63	0.13	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-21
Date Collected: 08/09/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-21
Matrix: Solid
Percent Solids: 84.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		22	11	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Antimony	1.1	U	1.1	0.43	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Barium	**130**	**B**	22	0.079	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Beryllium	**1.6**		0.56	0.048	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Calcium	**2300**		560	18	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Cadmium	**0.71**		0.22	0.040	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Cobalt	**9.8**		5.6	0.18	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Chromium	**19**		1.1	0.22	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Copper	**22**		2.8	0.82	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Iron	**22000**	**B**	11	5.4	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Potassium	**700**	**B**	560	6.9	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Magnesium	**3200**		560	5.7	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Manganese	**440**	**B**	1.7	0.082	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Silver	0.56	U	0.56	0.11	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Sodium	560	U	560	73	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Nickel	**47**		4.4	0.30	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Vanadium	**22**		5.6	0.13	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Zinc	**69**		2.2	1.1	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Arsenic	**8.6**		1.1	0.33	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Lead	**14**		0.33	0.21	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Selenium	0.56	U	0.56	0.50	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1
Thallium	**1.1**		1.1	0.61	mg/Kg	☼	08/11/11 12:12	08/12/11 14:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-21
Date Collected: 08/09/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-21
Matrix: Solid
Percent Solids: 84.2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060	J	0.10	0.016	mg/Kg	☼	08/11/11 13:50	08/12/11 12:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-21
Date Collected: 08/09/11 11:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-21
Matrix: Solid
Percent Solids: 84.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.95	U	0.95	0.32	mg/Kg	☼	08/12/11 10:49	08/16/11 13:11	1
Cyanide, Total	0.61	U	0.61	0.12	mg/Kg	☼	08/18/11 12:53	08/18/11 16:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	28	U	28	8.9	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Benzene	7.1	U	7.1	0.33	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Dichlorobromomethane	7.1	U	7.1	0.40	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Bromoform	7.1	U	7.1	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Bromomethane	7.1	U	7.1	0.76	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
2-Butanone (MEK)	28	U	28	2.0	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Carbon disulfide	7.1	U	7.1	0.62	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Carbon tetrachloride	7.1	U	7.1	0.52	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Chlorobenzene	7.1	U	7.1	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Chloroethane	7.1	U *	7.1	1.2	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Chloroform	7.1	U	7.1	0.41	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Chloromethane	7.1	U	7.1	0.58	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,1-Dichloroethane	7.1	U	7.1	0.51	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,2-Dichloroethane	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,1-Dichloroethene	7.1	U	7.1	0.74	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,2-Dichloropropane	7.1	U	7.1	0.98	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
cis-1,3-Dichloropropene	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
trans-1,3-Dichloropropene	7.1	U	7.1	0.76	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Ethylbenzene	7.1	U	7.1	0.37	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
2-Hexanone	28	U	28	0.89	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Methylene Chloride	**2.8**	**J**	7.1	0.95	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
4-Methyl-2-pentanone (MIBK)	28	U	28	0.76	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Styrene	7.1	U	7.1	0.21	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,1,2,2-Tetrachloroethane	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Tetrachloroethene	7.1	U	7.1	0.74	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Toluene	7.1	U	7.1	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Trichloroethene	**0.92**	**J**	7.1	0.59	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Vinyl chloride	7.1	U	7.1	0.55	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Xylenes, Total	14	U	14	0.95	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,1,1-Trichloroethane	7.1	U	7.1	0.79	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,1,2-Trichloroethane	7.1	U	7.1	0.55	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Cyclohexane	14	U	14	0.47	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,2-Dibromo-3-Chloropropane	14	U	14	1.8	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Ethylene Dibromide	7.1	U	7.1	0.71	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Dichlorodifluoromethane	7.1	U	7.1	0.71	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
cis-1,2-Dichloroethene	7.1	U	7.1	0.51	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
trans-1,2-Dichloroethene	7.1	U	7.1	0.58	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Isopropylbenzene	7.1	U	7.1	0.23	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Methyl acetate	**7.3**	**J**	14	2.0	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Methyl tert-butyl ether	28	U	28	0.61	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	7.1	1.8	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,2,4-Trichlorobenzene	7.1	U	7.1	0.38	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,2-Dichlorobenzene	7.1	U	7.1	0.51	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,3-Dichlorobenzene	7.1	U	7.1	0.49	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
1,4-Dichlorobenzene	7.1	U	7.1	0.93	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Trichlorofluoromethane	7.1	U	7.1	0.48	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Chlorodibromomethane	7.1	U	7.1	0.78	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1
Methylcyclohexane	14	U	14	0.44	ug/Kg	☼	08/10/11 18:44	08/11/11 20:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		58 - 123	08/10/11 18:44	08/11/11 20:37	1
4-Bromofluorobenzene (Surr)	117		52 - 136	08/10/11 18:44	08/11/11 20:37	1
Toluene-d8 (Surr)	116		67 - 125	08/10/11 18:44	08/11/11 20:37	1
Dibromofluoromethane (Surr)	88		37 - 132	08/10/11 18:44	08/11/11 20:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,2'-oxybis[1-chloropropane]	120	U	120	12	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,4,5-Trichlorophenol	190	U	190	31	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,4,6-Trichlorophenol	190	U	190	99	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,4-Dichlorophenol	190	U	190	25	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,4-Dimethylphenol	190	U	190	25	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,4-Dinitrophenol	410	U	410	99	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,4-Dinitrotoluene	250	U	250	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2,6-Dinitrotoluene	250	U	250	26	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2-Chloronaphthalene	62	U	62	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2-Chlorophenol	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2-Methylnaphthalene	**97**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2-Methylphenol	250	U	250	99	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2-Nitroaniline	250	U	250	11	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
2-Nitrophenol	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
3,3'-Dichlorobenzidine	120	U	120	22	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
3-Nitroaniline	250	U	250	20	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4,6-Dinitro-2-methylphenol	190	U	190	99	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4-Bromophenyl phenyl ether	62	U	62	16	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4-Chloro-3-methylphenol	190	U	190	26	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4-Chloroaniline	190	U	190	21	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4-Chlorophenyl phenyl ether	62	U	62	16	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4-Nitroaniline	250	U	250	32	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
4-Nitrophenol	410	U	410	99	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Acenaphthene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Acenaphthylene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Acetophenone	120	U	120	11	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Anthracene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Atrazine	250	U	250	11	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Benzaldehyde	120	U	120	15	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Benzo[a]anthracene	**10**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Benzo[a]pyrene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Benzo[b]fluoranthene	**11**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Benzo[g,h,i]perylene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Benzo[k]fluoranthene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Bis(2-chloroethoxy)methane	120	U	120	27	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Bis(2-chloroethyl)ether	120	U	120	2.5	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Bis(2-ethylhexyl) phthalate	**250**		62	24	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Butyl benzyl phthalate	62	U	62	12	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Caprolactam	410	U	410	46	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Carbazole	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Chrysene	**14**		8.3	1.4	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Dibenz(a,h)anthracene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Dibenzofuran	**19**	**J**	62	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Diethyl phthalate	62	U	62	20	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Dimethyl phthalate	62	U	62	21	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Di-n-butyl phthalate	**26**	**J**	62	19	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Di-n-octyl phthalate	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Fluoranthene	**17**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Fluorene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	8.3	U	8.3	2.6	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Hexachlorobutadiene	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Hexachlorocyclopentadiene	410	U	410	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Hexachloroethane	62	U	62	11	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Indeno[1,2,3-cd]pyrene	8.3	U	8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Isophorone	62	U	62	16	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Naphthalene	**64**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Nitrobenzene	120	U	120	2.7	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
N-Nitrosodi-n-propylamine	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
N-Nitrosodiphenylamine	62	U	62	26	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Pentachlorophenol	190	U	190	99	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Phenol	62	U	62	33	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Phenanthrene	**32**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
Pyrene	**15**		8.3	4.1	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1
3 & 4 Methylphenol	500	U	500	25	ug/Kg	☼	08/19/11 09:58	08/23/11 20:57	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*56*		*34 - 110*	*08/19/11 09:58*	*08/23/11 20:57*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 110*	*08/19/11 09:58*	*08/23/11 20:57*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 118*	*08/19/11 09:58*	*08/23/11 20:57*	*1*
Nitrobenzene-d5 (Surr)	*56*		*24 - 112*	*08/19/11 09:58*	*08/23/11 20:57*	*1*
Phenol-d5 (Surr)	*73*		*28 - 110*	*08/19/11 09:58*	*08/23/11 20:57*	*1*
Terphenyl-d14 (Surr)	*66*		*41 - 119*	*08/19/11 09:58*	*08/23/11 20:57*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9900		24	12	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Antimony	36		6.1	2.4	mg/Kg	☼	08/11/11 12:12	08/15/11 09:40	5
Barium	80	B	24	0.086	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Beryllium	0.51	J	0.61	0.052	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Calcium	84000		3000	97	mg/Kg	☼	08/11/11 12:12	08/15/11 09:40	5
Cadmium	0.36		0.24	0.044	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Cobalt	4.2	J	6.1	0.19	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Chromium	9500		6.1	1.2	mg/Kg	☼	08/11/11 12:12	08/15/11 09:40	5
Copper	1700		3.0	0.90	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Iron	8200	B	61	30	mg/Kg	☼	08/11/11 12:12	08/15/11 09:40	5
Potassium	340	J B	610	7.5	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Magnesium	2700		610	6.2	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Manganese	300	B	1.8	0.090	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Silver	0.18	J	0.61	0.12	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Sodium	280	J	610	80	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Nickel	3200		4.9	0.33	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Vanadium	14		6.1	0.15	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Zinc	1100		2.4	1.2	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Arsenic	5.3	J	6.1	1.8	mg/Kg	☼	08/11/11 12:12	08/15/11 09:40	5
Lead	33		0.36	0.23	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Selenium	0.97		0.61	0.55	mg/Kg	☼	08/11/11 12:12	08/12/11 13:54	1
Thallium	6.1	U	6.1	3.3	mg/Kg	☼	08/11/11 12:12	08/15/11 09:40	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.12	0.018	mg/Kg	☼	08/11/11 13:50	08/12/11 12:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-22
Date Collected: 08/09/11 12:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-22
Matrix: Solid
Percent Solids: 80.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	10		0.99	0.33	mg/Kg	☼	08/18/11 15:40	08/19/11 15:26	1
Cyanide, Total	1.4		0.65	0.13	mg/Kg	☼	08/16/11 11:16	08/16/11 16:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-23
Date Collected: 08/09/11 12:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-23
Matrix: Solid
Percent Solids: 80.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14000**		24	12	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Antimony	1.2	U	1.2	0.47	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Barium	**120**	**B**	24	0.086	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Beryllium	**0.60**		0.60	0.052	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Calcium	**4000**		600	19	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Cadmium	0.24	U	0.24	0.043	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Cobalt	**7.8**		6.0	0.19	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Chromium	**21**		1.2	0.24	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Copper	**17**		3.0	0.89	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Iron	**21000**	**B**	12	5.9	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Potassium	**1100**	**B**	600	7.5	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Magnesium	**4800**		600	6.2	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Manganese	**150**	**B**	1.8	0.089	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Silver	0.60	U	0.60	0.12	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Sodium	**150**	**J**	600	80	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Nickel	**30**		4.8	0.33	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Vanadium	**19**		6.0	0.14	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Zinc	**73**		2.4	1.2	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Arsenic	**3.4**		1.2	0.36	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Lead	**11**		0.36	0.23	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Selenium	0.60	U	0.60	0.54	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1
Thallium	1.2	U	1.2	0.66	mg/Kg	☼	08/11/11 12:12	08/12/11 14:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-23
Date Collected: 08/09/11 12:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-23
Matrix: Solid
Percent Solids: 80.4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.12	0.017	mg/Kg	☼	08/11/11 13:50	08/12/11 12:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-23
Date Collected: 08/09/11 12:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-23
Matrix: Solid
Percent Solids: 80.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.57	J	0.99	0.34	mg/Kg	☼	08/18/11 15:40	08/19/11 15:10	1
Cyanide, Total	0.64	U	0.64	0.13	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-24
Date Collected: 08/09/11 12:30
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-24
Matrix: Solid
Percent Solids: 80.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15000**		23	11	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Antimony	1.1	U	1.1	0.45	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Barium	**130**	**B**	23	0.082	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Beryllium	**0.62**		0.57	0.049	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Calcium	**3200**		570	18	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Cadmium	0.23	U	0.23	0.041	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Cobalt	**7.1**		5.7	0.18	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Chromium	**23**		1.1	0.23	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Copper	**17**		2.9	0.85	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Iron	**26000**	**B**	11	5.6	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Potassium	**1300**	**B**	570	7.1	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Magnesium	**4400**		570	5.9	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Manganese	**120**	**B**	1.7	0.085	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Silver	**0.30**	**J**	0.57	0.11	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Sodium	**170**	**J**	570	76	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Nickel	**29**		4.6	0.31	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Vanadium	**28**		5.7	0.14	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Zinc	**78**		2.3	1.1	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Arsenic	**8.1**		1.1	0.34	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Lead	**9.6**		0.34	0.22	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Selenium	0.57	U	0.57	0.52	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1
Thallium	**0.78**	**J**	1.1	0.63	mg/Kg	☼	08/11/11 12:12	08/12/11 13:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-24
Date Collected: 08/09/11 12:30
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-24
Matrix: Solid
Percent Solids: 80.6

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028	J	0.11	0.017	mg/Kg	☼	08/11/11 13:50	08/12/11 12:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-24
Date Collected: 08/09/11 12:30
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-24
Matrix: Solid
Percent Solids: 80.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.99	U	0.99	0.34	mg/Kg	☼	08/18/11 15:40	08/19/11 15:12	1
Cyanide, Total	0.60	U	0.60	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-25
Date Collected: 08/09/11 13:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-25
Matrix: Solid
Percent Solids: 84.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		23	11	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Antimony	1.2	U	1.2	0.45	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Barium	**220**	**B**	23	0.082	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Beryllium	**0.51**	**J**	0.58	0.050	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Calcium	**2600**		580	18	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Cadmium	**0.63**		0.23	0.042	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Cobalt	**27**		5.8	0.18	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Chromium	**20**		1.2	0.23	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Copper	**29**		2.9	0.85	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Iron	**36000**	**B**	12	5.7	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Potassium	**1400**	**B**	580	7.2	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Magnesium	**3800**		580	5.9	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Manganese	**3400**	**B**	1.7	0.085	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Silver	0.58	U	0.58	0.12	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Sodium	**150**	**J**	580	76	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Nickel	**69**		4.6	0.31	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Vanadium	**27**		5.8	0.14	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Zinc	**71**		2.3	1.2	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Arsenic	**17**		1.2	0.35	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Lead	**15**		0.35	0.22	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Selenium	0.58	U L	0.58	0.52	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1
Thallium	**2.8**		1.2	0.64	mg/Kg	☼	08/11/11 12:12	08/12/11 13:48	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-25
Date Collected: 08/09/11 13:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-25
Matrix: Solid
Percent Solids: 84.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	J	0.10	0.015	mg/Kg	☼	08/11/11 13:50	08/12/11 12:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-25
Date Collected: 08/09/11 13:00
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-25
Matrix: Solid
Percent Solids: 84.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.68	J	0.94	0.32	mg/Kg	☼	08/18/11 15:40	08/19/11 15:13	1
Cyanide, Total	0.58	U	0.58	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-26
Date Collected: 08/09/11 13:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-26
Matrix: Solid
Percent Solids: 81.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9900		22	11	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Antimony	0.46	J	1.1	0.44	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Barium	85	B	22	0.080	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Beryllium	0.42	J	0.56	0.048	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Calcium	8400		560	18	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Cadmium	0.12	J	0.22	0.040	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Cobalt	8.4		5.6	0.18	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Chromium	60		1.1	0.22	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Copper	50		2.8	0.83	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Iron	24000	B	11	5.5	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Potassium	890	B	560	7.0	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Magnesium	4100		560	5.7	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Manganese	1400	B	1.7	0.083	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Silver	0.56	U	0.56	0.11	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Sodium	96	J	560	74	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Nickel	44		4.5	0.30	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Vanadium	28		5.6	0.13	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Zinc	220		2.2	1.1	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Arsenic	7.9		1.1	0.34	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Lead	16		0.34	0.21	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Selenium	0.56	U	0.56	0.51	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1
Thallium	1.8		1.1	0.62	mg/Kg	☼	08/11/11 12:12	08/12/11 13:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-26
Date Collected: 08/09/11 13:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-26
Matrix: Solid
Percent Solids: 81.7

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037	J	0.097	0.015	mg/Kg	☼	08/11/11 13:50	08/12/11 12:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-26
Date Collected: 08/09/11 13:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-26
Matrix: Solid
Percent Solids: 81.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.98	U	0.98	0.33	mg/Kg	☼	08/18/11 15:40	08/19/11 15:16	1
Cyanide, Total	0.62	U	0.62	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**83**		65	20	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Benzene	16	U	16	0.75	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Dichlorobromomethane	16	U	16	0.91	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Bromoform	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Bromomethane	16	U	16	1.8	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
2-Butanone (MEK)	**27**	**J**	65	4.5	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Carbon disulfide	**11**	**J B**	16	1.4	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Carbon tetrachloride	16	U	16	1.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Chlorobenzene	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Chloroethane	16	U	16	2.8	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Chloroform	16	U	16	0.94	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Chloromethane	16	U	16	1.3	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,1-Dichloroethane	16	U	16	1.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,2-Dichloroethane	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,1-Dichloroethene	16	U	16	1.7	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,2-Dichloropropane	16	U	16	2.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
cis-1,3-Dichloropropene	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
trans-1,3-Dichloropropene	16	U	16	1.8	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Ethylbenzene	**2.4**	**J**	16	0.84	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
2-Hexanone	65	U	65	2.0	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Methylene Chloride	**19**	**B**	16	2.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
4-Methyl-2-pentanone (MIBK)	65	U	65	1.8	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Styrene	16	U	16	0.49	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,1,2,2-Tetrachloroethane	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Tetrachloroethene	**1.7**	**J**	16	1.7	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Toluene	**3.1**	**J**	16	0.88	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Trichloroethene	**4.8**	**J**	16	1.4	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Vinyl chloride	16	U	16	1.3	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Xylenes, Total	**2.2**	**J**	32	2.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,1,1-Trichloroethane	16	U	16	1.8	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,1,2-Trichloroethane	16	U	16	1.3	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Cyclohexane	32	U	32	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,2-Dibromo-3-Chloropropane	32	U	32	4.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Ethylene Dibromide	16	U	16	1.6	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Dichlorodifluoromethane	16	U	16	1.6	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
cis-1,2-Dichloroethene	16	U	16	1.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
trans-1,2-Dichloroethene	16	U	16	1.3	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Isopropylbenzene	16	U	16	0.52	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Methyl acetate	32	U	32	4.5	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Methyl tert-butyl ether	65	U	65	1.4	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	16	U	16	4.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,2,4-Trichlorobenzene	16	U	16	0.88	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,2-Dichlorobenzene	16	U	16	1.2	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,3-Dichlorobenzene	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
1,4-Dichlorobenzene	16	U	16	2.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Trichlorofluoromethane	16	U	16	1.1	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Chlorodibromomethane	16	U	16	1.8	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1
Methylcyclohexane	**3.4**	**J**	32	1.0	ug/Kg	☼	08/10/11 18:44	08/12/11 18:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		58 - 123	08/10/11 18:44	08/12/11 18:21	1
4-Bromofluorobenzene (Surr)	134		52 - 136	08/10/11 18:44	08/12/11 18:21	1
Toluene-d8 (Surr)	116		67 - 125	08/10/11 18:44	08/12/11 18:21	1
Dibromofluoromethane (Surr)	105		37 - 132	08/10/11 18:44	08/12/11 18:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,2'-oxybis[1-chloropropane]	2200	U	2200	210	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,4,5-Trichlorophenol	3300	U	3300	550	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,4,6-Trichlorophenol	3300	U	3300	1800	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,4-Dichlorophenol	3300	U	3300	440	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,4-Dimethylphenol	3300	U	3300	440	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,4-Dinitrophenol	7300	U	7300	1800	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,4-Dinitrotoluene	4400	U	4400	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2,6-Dinitrotoluene	4400	U	4400	460	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2-Chloronaphthalene	1100	U	1100	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2-Chlorophenol	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2-Methylnaphthalene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2-Methylphenol	4400	U	4400	1800	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2-Nitroaniline	4400	U	4400	200	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
2-Nitrophenol	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
3,3'-Dichlorobenzidine	2200	U	2200	400	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
3-Nitroaniline	4400	U	4400	350	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4,6-Dinitro-2-methylphenol	3300	U	3300	1800	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4-Bromophenyl phenyl ether	1100	U	1100	290	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4-Chloro-3-methylphenol	3300	U	3300	460	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4-Chloroaniline	3300	U	3300	370	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4-Chlorophenyl phenyl ether	1100	U	1100	290	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4-Nitroaniline	4400	U	4400	570	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
4-Nitrophenol	7300	U	7300	1800	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Acenaphthene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Acenaphthylene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Acetophenone	2200	U	2200	200	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Anthracene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Atrazine	4400	U	4400	200	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Benzaldehyde	2200	U	2200	260	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Benzo[a]anthracene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Benzo[a]pyrene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Benzo[b]fluoranthene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Benzo[g,h,i]perylene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Benzo[k]fluoranthene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Bis(2-chloroethoxy)methane	2200	U	2200	480	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Bis(2-chloroethyl)ether	2200	U	2200	44	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Bis(2-ethylhexyl) phthalate	**6300**		1100	420	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Butyl benzyl phthalate	1100	U	1100	220	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Caprolactam	7300	U	7300	820	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Carbazole	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Chrysene	150	U	150	24	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Dibenz(a,h)anthracene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Dibenzofuran	1100	U	1100	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Diethyl phthalate	1100	U	1100	350	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Dimethyl phthalate	1100	U	1100	370	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Di-n-butyl phthalate	1100	U	1100	330	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Di-n-octyl phthalate	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Fluoranthene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Fluorene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	150	U	150	46	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Hexachlorobutadiene	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Hexachlorocyclopentadiene	7300	U	7300	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Hexachloroethane	1100	U	1100	200	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Indeno[1,2,3-cd]pyrene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Isophorone	1100	U	1100	290	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Naphthalene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Nitrobenzene	2200	U	2200	48	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
N-Nitrosodi-n-propylamine	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
N-Nitrosodiphenylamine	1100	U	1100	460	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Pentachlorophenol	3300	U	3300	1800	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Phenol	1100	U	1100	590	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Phenanthrene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
Pyrene	150	U	150	73	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10
3 & 4 Methylphenol	8800	U	8800	440	ug/Kg	☼	08/19/11 09:58	08/24/11 22:21	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*64*		*34 - 110*	*08/19/11 09:58*	*08/24/11 22:21*	*10*
2-Fluorophenol (Surr)	*32*		*26 - 110*	*08/19/11 09:58*	*08/24/11 22:21*	*10*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*10 - 118*	*08/19/11 09:58*	*08/24/11 22:21*	*10*
Nitrobenzene-d5 (Surr)	*0*	*X*	*24 - 112*	*08/19/11 09:58*	*08/24/11 22:21*	*10*
Phenol-d5 (Surr)	*0*	*X*	*28 - 110*	*08/19/11 09:58*	*08/24/11 22:21*	*10*
Terphenyl-d14 (Surr)	*67*		*41 - 119*	*08/19/11 09:58*	*08/24/11 22:21*	*10*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4900		210	100	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Antimony	26		11	4.2	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Barium	270	B	210	0.76	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Beryllium	2.0	J	5.4	0.46	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Calcium	89000	B	5400	170	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Cadmium	2.1	U	2.1	0.39	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Cobalt	49	J	54	1.7	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Chromium	37000		11	2.1	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Copper	10000		27	7.9	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Iron	9300		110	52	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Potassium	320	J B	5400	66	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Magnesium	5000	J B	5400	55	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Manganese	150		16	0.79	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Silver	1.3	J	5.4	1.1	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Sodium	5400	U	5400	710	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Nickel	18000		43	2.9	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Vanadium	30	J	54	1.3	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Zinc	5800		21	11	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Arsenic	15		11	3.2	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Lead	660		3.2	2.0	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Selenium	5.4	U	5.4	4.8	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5
Thallium	11	U	11	5.9	mg/Kg	☼	09/01/11 11:23	09/02/11 13:52	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.79		0.21	0.031	mg/Kg	☼	09/01/11 13:30	09/02/11 13:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-27
Date Collected: 08/09/11 14:50
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-27
Matrix: Solid
Percent Solids: 45.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	8.0		1.8	0.60	mg/Kg	☼	09/01/11 12:34	09/02/11 13:25	1
Cyanide, Total	18	H B	11	2.2	mg/Kg	☼	09/07/11 13:15	09/07/11 16:03	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-28
Date Collected: 08/09/11 15:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-28
Matrix: Solid
Percent Solids: 62.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		31	15	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Antimony	16		1.6	0.61	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Barium	110	B	31	0.11	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Beryllium	0.70	J	0.78	0.067	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Calcium	49000		780	25	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Cadmium	0.31	U	0.31	0.056	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Cobalt	22		7.8	0.25	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Chromium	3900		1.6	0.31	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Copper	1300		3.9	1.2	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Iron	29000	B	16	7.6	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Potassium	1700	B	780	9.7	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Magnesium	8000		780	8.0	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Manganese	390	B	2.3	0.12	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Silver	0.78	U	0.78	0.16	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Sodium	210	J	780	100	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Nickel	2400		6.2	0.42	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Vanadium	29		7.8	0.19	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Zinc	860		3.1	1.6	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Arsenic	12		1.6	0.47	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Lead	59		0.47	0.30	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Selenium	0.78	U	0.78	0.70	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1
Thallium	1.6	U	1.6	0.86	mg/Kg	☼	08/11/11 12:12	08/12/11 13:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-28
Date Collected: 08/09/11 15:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-28
Matrix: Solid
Percent Solids: 62.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.14	0.022	mg/Kg	☼	08/11/11 13:50	08/12/11 12:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-28
Date Collected: 08/09/11 15:10
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-28
Matrix: Solid
Percent Solids: 62.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	9.3		1.3	0.43	mg/Kg	☼	08/18/11 15:40	08/19/11 15:17	1
Cyanide, Total	1.6		0.77	0.15	mg/Kg	☼	08/16/11 11:16	08/16/11 16:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-29
Date Collected: 08/09/11 15:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-29
Matrix: Solid
Percent Solids: 85.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11000**		20	9.6	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Antimony	0.99	U	0.99	0.39	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Barium	**70**	**B**	20	0.071	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Beryllium	**0.37**	**J**	0.50	0.043	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Calcium	**46000**		500	16	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Cadmium	0.20	U	0.20	0.036	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Cobalt	**12**		5.0	0.16	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Chromium	**20**		0.99	0.20	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Copper	**24**		2.5	0.74	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Iron	**25000**	**B**	9.9	4.9	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Potassium	**1600**	**B**	500	6.2	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Magnesium	**8500**		500	5.1	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Manganese	**350**	**B**	1.5	0.074	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Silver	0.50	U	0.50	0.099	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Sodium	**89**	**J**	500	66	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Nickel	**32**		4.0	0.27	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Vanadium	**20**		5.0	0.12	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Zinc	**67**		2.0	0.99	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Arsenic	**9.6**		0.99	0.30	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Lead	**9.8**		0.30	0.19	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Selenium	0.50	U L	0.50	0.45	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1
Thallium	**0.63**	**J**	0.99	0.55	mg/Kg	☼	08/11/11 12:12	08/12/11 14:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-29
Date Collected: 08/09/11 15:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-29
Matrix: Solid
Percent Solids: 85.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	U	0.11	0.017	mg/Kg	☼	08/11/11 13:50	08/12/11 12:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-29
Date Collected: 08/09/11 15:25
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-29
Matrix: Solid
Percent Solids: 85.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.73	J	0.93	0.31	mg/Kg	☼	08/18/11 15:40	08/19/11 15:20	1
Cyanide, Total	0.61	U	0.61	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 15:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-30
Date Collected: 08/09/11 15:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-30
Matrix: Solid
Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		22	11	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Antimony	0.58	J	1.1	0.44	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Barium	62	B	22	0.080	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Beryllium	0.38	J	0.56	0.048	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Calcium	44000		560	18	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Cadmium	0.22	U	0.22	0.040	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Cobalt	19		5.6	0.18	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Chromium	22		1.1	0.22	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Copper	25		2.8	0.83	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Iron	26000	B	11	5.5	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Potassium	1900	B	560	7.0	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Magnesium	8800		560	5.7	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Manganese	770	B	1.7	0.083	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Silver	0.56	U	0.56	0.11	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Sodium	74	J	560	74	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Nickel	48		4.5	0.30	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Vanadium	20		5.6	0.13	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Zinc	68		2.2	1.1	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Arsenic	11		1.1	0.34	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Lead	12		0.34	0.21	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Selenium	0.56	U L	0.56	0.51	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1
Thallium	1.7		1.1	0.62	mg/Kg	☼	08/11/11 12:12	08/12/11 12:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-30
Date Collected: 08/09/11 15:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-30
Matrix: Solid
Percent Solids: 86.4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	U	0.11	0.016	mg/Kg	☼	08/11/11 13:50	08/12/11 12:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-30
Date Collected: 08/09/11 15:35
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-30
Matrix: Solid
Percent Solids: 86.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.93	U	0.93	0.31	mg/Kg	☼	08/18/11 15:41	08/19/11 15:23	1
Cyanide, Total	0.60	U	0.60	0.12	mg/Kg	☼	08/16/11 11:16	08/16/11 16:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080811-01
Date Collected: 08/08/11 18:45
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-31
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	97	ug/L		08/11/11 08:24	08/12/11 17:52	1
Antimony	**2.2**	**J**	10	1.8	ug/L		08/11/11 08:24	08/12/11 17:52	1
Barium	**13**	**J B**	200	0.67	ug/L		08/11/11 08:24	08/12/11 17:52	1
Beryllium	5.0	U	5.0	0.46	ug/L		08/11/11 08:24	08/12/11 17:52	1
Calcium	**38000**	**B**	5000	130	ug/L		08/11/11 08:24	08/12/11 17:52	1
Cadmium	2.0	U	2.0	0.66	ug/L		08/11/11 08:24	08/12/11 17:52	1
Cobalt	7.0	U	7.0	1.7	ug/L		08/11/11 08:24	08/12/11 17:52	1
Chromium	5.0	U	5.0	2.2	ug/L		08/11/11 08:24	08/12/11 17:52	1
Copper	25	U	25	4.5	ug/L		08/11/11 08:24	08/12/11 17:52	1
Iron	100	U	100	81	ug/L		08/11/11 08:24	08/12/11 17:52	1
Potassium	**2600**	**J B ^**	5000	72	ug/L		08/11/11 08:24	08/12/11 17:52	1
Magnesium	**17000**		5000	34	ug/L		08/11/11 08:24	08/12/11 17:52	1
Manganese	**1.2**	**J B**	15	0.41	ug/L		08/11/11 08:24	08/12/11 17:52	1
Silver	5.0	U	5.0	2.2	ug/L		08/11/11 08:24	08/12/11 17:52	1
Sodium	**42000**		5000	590	ug/L		08/11/11 08:24	08/12/11 17:52	1
Nickel	40	U	40	3.2	ug/L		08/11/11 08:24	08/12/11 17:52	1
Vanadium	7.0	U	7.0	0.64	ug/L		08/11/11 08:24	08/12/11 17:52	1
Zinc	50	U	50	5.0	ug/L		08/11/11 08:24	08/12/11 17:52	1
Arsenic	10	U	10	3.2	ug/L		08/11/11 08:24	08/12/11 17:52	1
Lead	3.0	U	3.0	1.9	ug/L		08/11/11 08:24	08/12/11 17:52	1
Selenium	5.0	U	5.0	4.1	ug/L		08/11/11 08:24	08/12/11 17:52	1
Thallium	10	U	10	4.7	ug/L		08/11/11 08:24	08/12/11 17:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080811-01
Date Collected: 08/08/11 18:45
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-31
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		08/11/11 14:25	08/15/11 14:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080811-01
Date Collected: 08/08/11 18:45
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-31
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U H	0.020	0.0020	mg/L			08/10/11 14:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**22**		10	1.1	ug/L			08/20/11 13:24	1
Benzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			08/20/11 13:24	1
Bromoform	1.0	U	1.0	0.64	ug/L			08/20/11 13:24	1
Bromomethane	1.0	U	1.0	0.41	ug/L			08/20/11 13:24	1
2-Butanone (MEK)	**1.6**	**J**	10	0.57	ug/L			08/20/11 13:24	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			08/20/11 13:24	1
Chloroethane	1.0	U	1.0	0.29	ug/L			08/20/11 13:24	1
Chloroform	1.0	U	1.0	0.16	ug/L			08/20/11 13:24	1
Chloromethane	1.0	U	1.0	0.30	ug/L			08/20/11 13:24	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			08/20/11 13:24	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			08/20/11 13:24	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			08/20/11 13:24	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			08/20/11 13:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			08/20/11 13:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			08/20/11 13:24	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			08/20/11 13:24	1
2-Hexanone	10	U	10	0.41	ug/L			08/20/11 13:24	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			08/20/11 13:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			08/20/11 13:24	1
Styrene	1.0	U	1.0	0.11	ug/L			08/20/11 13:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			08/20/11 13:24	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			08/20/11 13:24	1
Toluene	**0.41**	**J**	1.0	0.13	ug/L			08/20/11 13:24	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			08/20/11 13:24	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			08/20/11 13:24	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			08/20/11 13:24	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			08/20/11 13:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			08/20/11 13:24	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			08/20/11 13:24	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			08/20/11 13:24	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			08/20/11 13:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/11 13:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			08/20/11 13:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			08/20/11 13:24	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1
Methyl acetate	10	U	10	0.38	ug/L			08/20/11 13:24	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			08/20/11 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			08/20/11 13:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			08/20/11 13:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			08/20/11 13:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			08/20/11 13:24	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			08/20/11 13:24	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			08/20/11 13:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		08/20/11 13:24	1
4-Bromofluorobenzene (Surr)	96		66 - 117		08/20/11 13:24	1
Toluene-d8 (Surr)	106		74 - 115		08/20/11 13:24	1
Dibromofluoromethane (Surr)	96		75 - 121		08/20/11 13:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.96	U	0.96	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,2'-oxybis[1-chloropropane]	0.96	U	0.96	0.38	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.29	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,4-Dichlorophenol	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,4-Dimethylphenol	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,4-Dinitrophenol	4.8	U	4.8	2.3	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,4-Dinitrotoluene	4.8	U	4.8	0.26	ug/L		08/12/11 11:02	08/16/11 23:25	1
2,6-Dinitrotoluene	4.8	U	4.8	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2-Chloronaphthalene	0.96	U	0.96	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
2-Chlorophenol	0.96	U	0.96	0.28	ug/L		08/12/11 11:02	08/16/11 23:25	1
2-Methylnaphthalene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
2-Methylphenol	0.96	U	0.96	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2-Nitroaniline	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
2-Nitrophenol	1.9	U	1.9	0.27	ug/L		08/12/11 11:02	08/16/11 23:25	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.36	ug/L		08/12/11 11:02	08/16/11 23:25	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		08/12/11 11:02	08/16/11 23:25	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	2.3	ug/L		08/12/11 11:02	08/16/11 23:25	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
4-Chloro-3-methylphenol	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
4-Chloroaniline	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		08/12/11 11:02	08/16/11 23:25	1
4-Nitroaniline	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
4-Nitrophenol	4.8	U	4.8	2.3	ug/L		08/12/11 11:02	08/16/11 23:25	1
Acenaphthene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Acenaphthylene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Acetophenone	**0.56**	**J**	0.96	0.33	ug/L		08/12/11 11:02	08/16/11 23:25	1
Anthracene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Atrazine	0.96	U	0.96	0.33	ug/L		08/12/11 11:02	08/16/11 23:25	1
Benzaldehyde	0.96	U	0.96	0.37	ug/L		08/12/11 11:02	08/16/11 23:25	1
Benzo[a]anthracene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Benzo[a]pyrene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Benzo[b]fluoranthene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Benzo[k]fluoranthene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Bis(2-chloroethoxy)methane	0.96	U	0.96	0.31	ug/L		08/12/11 11:02	08/16/11 23:25	1
Bis(2-chloroethyl)ether	0.96	U	0.96	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
Butyl benzyl phthalate	0.96	U	0.96	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
Caprolactam	4.8	U	4.8	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
Carbazole	0.96	U	0.96	0.27	ug/L		08/12/11 11:02	08/16/11 23:25	1
Chrysene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Dibenzofuran	0.96	U	0.96	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Diethyl phthalate	0.96	U	0.96	0.58	ug/L		08/12/11 11:02	08/16/11 23:25	1
Dimethyl phthalate	0.96	U	0.96	0.28	ug/L		08/12/11 11:02	08/16/11 23:25	1
Di-n-butyl phthalate	0.96	U	0.96	0.64	ug/L		08/12/11 11:02	08/16/11 23:25	1
Di-n-octyl phthalate	0.96	U	0.96	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
Fluoranthene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Fluorene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Hexachlorobutadiene	0.96	U	0.96	0.26	ug/L		08/12/11 11:02	08/16/11 23:25	1
Hexachlorocyclopentadiene	9.6	U	9.6	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
Hexachloroethane	0.96	U	0.96	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Isophorone	0.96	U	0.96	0.26	ug/L		08/12/11 11:02	08/16/11 23:25	1
Naphthalene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Nitrobenzene	0.96	U	0.96	0.038	ug/L		08/12/11 11:02	08/16/11 23:25	1
N-Nitrosodi-n-propylamine	0.96	U	0.96	0.77	ug/L		08/12/11 11:02	08/16/11 23:25	1
N-Nitrosodiphenylamine	0.96	U	0.96	0.30	ug/L		08/12/11 11:02	08/16/11 23:25	1
Pentachlorophenol	4.8	U	4.8	2.3	ug/L		08/12/11 11:02	08/16/11 23:25	1
Phenol	0.96	U	0.96	0.58	ug/L		08/12/11 11:02	08/16/11 23:25	1
Phenanthrene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
Pyrene	0.19	U	0.19	0.096	ug/L		08/12/11 11:02	08/16/11 23:25	1
3 & 4 Methylphenol	1.9	U	1.9	0.72	ug/L		08/12/11 11:02	08/16/11 23:25	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*37*		*28 - 110*	*08/12/11 11:02*	*08/16/11 23:25*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 110*	*08/12/11 11:02*	*08/16/11 23:25*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*22 - 120*	*08/12/11 11:02*	*08/16/11 23:25*	*1*
Nitrobenzene-d5 (Surr)	*42*		*27 - 111*	*08/12/11 11:02*	*08/16/11 23:25*	*1*
Phenol-d5 (Surr)	*51*		*10 - 110*	*08/12/11 11:02*	*08/16/11 23:25*	*1*
Terphenyl-d14 (Surr)	*46*		*37 - 119*	*08/12/11 11:02*	*08/16/11 23:25*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	97	ug/L		08/11/11 08:24	08/12/11 18:10	1
Antimony	10	U	10	1.8	ug/L		08/11/11 08:24	08/12/11 18:10	1
Barium	**5.7**	**J B**	200	0.67	ug/L		08/11/11 08:24	08/12/11 18:10	1
Beryllium	5.0	U	5.0	0.46	ug/L		08/11/11 08:24	08/12/11 18:10	1
Calcium	**17000**	**B**	5000	130	ug/L		08/11/11 08:24	08/12/11 18:10	1
Cadmium	2.0	U	2.0	0.66	ug/L		08/11/11 08:24	08/12/11 18:10	1
Cobalt	7.0	U	7.0	1.7	ug/L		08/11/11 08:24	08/12/11 18:10	1
Chromium	5.0	U	5.0	2.2	ug/L		08/11/11 08:24	08/12/11 18:10	1
Copper	25	U	25	4.5	ug/L		08/11/11 08:24	08/12/11 18:10	1
Iron	100	U	100	81	ug/L		08/11/11 08:24	08/12/11 18:10	1
Potassium	**1200**	**J B ^**	5000	72	ug/L		08/11/11 08:24	08/12/11 18:10	1
Magnesium	**7800**		5000	34	ug/L		08/11/11 08:24	08/12/11 18:10	1
Manganese	**0.79**	**J B**	15	0.41	ug/L		08/11/11 08:24	08/12/11 18:10	1
Silver	5.0	U	5.0	2.2	ug/L		08/11/11 08:24	08/12/11 18:10	1
Sodium	**20000**		5000	590	ug/L		08/11/11 08:24	08/12/11 18:10	1
Nickel	40	U	40	3.2	ug/L		08/11/11 08:24	08/12/11 18:10	1
Vanadium	7.0	U	7.0	0.64	ug/L		08/11/11 08:24	08/12/11 18:10	1
Zinc	50	U	50	5.0	ug/L		08/11/11 08:24	08/12/11 18:10	1
Arsenic	10	U	10	3.2	ug/L		08/11/11 08:24	08/12/11 18:10	1
Lead	3.0	U	3.0	1.9	ug/L		08/11/11 08:24	08/12/11 18:10	1
Selenium	5.0	U	5.0	4.1	ug/L		08/11/11 08:24	08/12/11 18:10	1
Thallium	10	U	10	4.7	ug/L		08/11/11 08:24	08/12/11 18:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		08/11/11 14:25	08/15/11 14:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: RB-080911-01
Date Collected: 08/09/11 18:15
Date Received: 08/10/11 13:59

Lab Sample ID: 240-2718-32
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			08/10/11 14:06	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(58-123)	(52-136)	(67-125)	(37-132)
240-2718-1	S-12616-080811-DN-01	96	97	105	78
240-2718-13	S-12616-080811-DN-13	96	98	106	66
240-2718-16	S-12616-080911-DN-16	103	99	107	93
240-2718-19	S-12616-080911-DN-19	102	101	107	90
240-2718-20	S-12616-080911-DN-20	95	115	118	90
240-2718-22	S-12616-080911-DN-22	91	117	116	88
240-2718-27	S-12616-080911-DN-27	107	134	116	105
LCS 240-11628/5	Lab Control Sample	91	102	107	94
LCS 240-11842/5	Lab Control Sample	91	100	107	97
MB 240-11628/6	Method Blank	92	97	105	88
MB 240-11842/6	Method Blank	91	96	104	88

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(39-128)	(26-141)	(33-134)	(30-122)
240-2718-5	S-12616-080811-DN-05	78	64	73	67
LCS 240-11562/2-A	Lab Control Sample	86	86	88	79
MB 240-11562/1-A	Method Blank	86	82	86	74

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-2718-32	RB-080911-01	99	96	106	96
LCS 240-12726/4	Lab Control Sample	103	103	108	97
MB 240-12726/5	Method Blank	98	96	108	97

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(34-110)	(26-110)	(10-118)	(24-112)	(28-110)	(41-119)
240-2718-1	S-12616-080811-DN-01	70	79	71	60	73	83
240-2718-5	S-12616-080811-DN-05	64	47	61	30	17 X	78
240-2718-13	S-12616-080811-DN-13	92	108	76	27	17 X	141 X
240-2718-16	S-12616-080911-DN-16	52	47	43	26	21 X	57
240-2718-19	S-12616-080911-DN-19	75	95	58	79	86	80
240-2718-20	S-12616-080911-DN-20	54	54	42	42	58	72
240-2718-22	S-12616-080911-DN-22	56	75	63	56	73	66
240-2718-27	S-12616-080911-DN-27	64	32	0 X	0 X	0 X	67
LCS 240-12621/24-A	Lab Control Sample	69	73	69	67	72	92
MB 240-12621/23-A	Method Blank	49	59	35	49	52	68

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(28-110)	(10-110)	(22-120)	(27-111)	(10-110)	(37-119)
240-2718-32	RB-080911-01	37	56	73	42	51	46
LCS 240-11792/2-A	Lab Control Sample	55	77	89	56	79	68
MB 240-11792/1-A	Method Blank	41	55	65	40	53	50

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-11562/1-A
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11562

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1000	U	1000	170	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Benzene	250	U	250	12	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Dichlorobromomethane	250	U	250	9.9	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Bromoform	250	U	250	19	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Bromomethane	250	U	250	29	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
2-Butanone (MEK)	1000	U	1000	43	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Carbon disulfide	250	U	250	12	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Carbon tetrachloride	250	U	250	6.4	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Chlorobenzene	250	U	250	6.4	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Chloroethane	250	U	250	61	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Chloroform	250	U	250	8.8	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Chloromethane	250	U	250	14	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,1-Dichloroethane	250	U	250	17	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,2-Dichloroethane	250	U	250	10	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,1-Dichloroethene	250	U	250	18	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,2-Dichloropropane	250	U	250	8.2	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
cis-1,3-Dichloropropene	250	U	250	7.9	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Ethylbenzene	250	U	250	5.4	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
2-Hexanone	1000	U	1000	20	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Methylene Chloride	250	U	250	77	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	48	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Styrene	250	U	250	5.6	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,1,2,2-Tetrachloroethane	250	U	250	8.9	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Tetrachloroethene	250	U	250	12	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Toluene	250	U	250	17	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Trichloroethene	250	U	250	9.7	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Vinyl chloride	250	U	250	18	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Xylenes, Total	500	U	500	8.1	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,1,1-Trichloroethane	250	U	250	21	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Cyclohexane	500	U	500	40	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Ethylene Dibromide	250	U	250	10	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
cis-1,2-Dichloroethene	250	U	250	6.9	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
trans-1,2-Dichloroethene	250	U	250	9.2	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Isopropylbenzene	250	U	250	6.5	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Methyl acetate	500	U	500	25	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Methyl tert-butyl ether	1000	U	1000	7.1	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	39	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,2,4-Trichlorobenzene	250	U	250	7.3	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,2-Dichlorobenzene	250	U	250	8.6	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,3-Dichlorobenzene	250	U	250	4.8	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
1,4-Dichlorobenzene	250	U	250	8.0	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Trichlorofluoromethane	250	U	250	16	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Chlorodibromomethane	250	U	250	12	ug/Kg		08/10/11 18:40	08/11/11 21:41	1
Methylcyclohexane	500	U	500	12	ug/Kg		08/10/11 18:40	08/11/11 21:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-11562/1-A
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11562

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		39 - 128	08/10/11 18:40	08/11/11 21:41	1
4-Bromofluorobenzene (Surr)	82		26 - 141	08/10/11 18:40	08/11/11 21:41	1
Toluene-d8 (Surr)	86		33 - 134	08/10/11 18:40	08/11/11 21:41	1
Dibromofluoromethane (Surr)	74		30 - 122	08/10/11 18:40	08/11/11 21:41	1

Lab Sample ID: LCS 240-11562/2-A
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	1000	830	J	ug/Kg		83	16 - 156
Benzene	500	471		ug/Kg		94	70 - 117
Dichlorobromomethane	500	379		ug/Kg		76	28 - 123
Bromoform	500	482		ug/Kg		96	10 - 117
Bromomethane	500	263		ug/Kg		53	10 - 114
2-Butanone (MEK)	1000	1100		ug/Kg		110	10 - 199
Carbon disulfide	500	324		ug/Kg		65	10 - 132
Carbon tetrachloride	500	341		ug/Kg		68	29 - 118
Chlorobenzene	500	452		ug/Kg		90	71 - 116
Chloroethane	500	261		ug/Kg		52	10 - 120
Chloroform	500	452		ug/Kg		90	63 - 116
Chloromethane	500	330		ug/Kg		66	25 - 110
1,1-Dichloroethane	500	430		ug/Kg		86	63 - 117
1,2-Dichloroethane	500	456		ug/Kg		91	68 - 119
1,1-Dichloroethene	500	446		ug/Kg		89	44 - 143
1,2-Dichloropropane	500	470		ug/Kg		94	73 - 113
cis-1,3-Dichloropropene	500	375		ug/Kg		75	25 - 120
trans-1,3-Dichloropropene	500	390		ug/Kg		78	22 - 122
Ethylbenzene	500	454		ug/Kg		91	66 - 119
2-Hexanone	1000	1060		ug/Kg		106	43 - 130
Methylene Chloride	500	404		ug/Kg		81	27 - 172
4-Methyl-2-pentanone (MIBK)	1000	1040		ug/Kg		104	49 - 121
Styrene	500	435		ug/Kg		87	60 - 120
1,1,2,2-Tetrachloroethane	500	515		ug/Kg		103	54 - 121
Tetrachloroethene	500	455		ug/Kg		91	58 - 131
Toluene	500	495		ug/Kg		99	66 - 123
Trichloroethene	500	466		ug/Kg		93	59 - 124
Vinyl chloride	500	368		ug/Kg		74	33 - 110
1,1,1-Trichloroethane	500	378		ug/Kg		76	38 - 122
1,1,2-Trichloroethane	500	520		ug/Kg		104	74 - 114
Cyclohexane	500	392	J	ug/Kg		78	40 - 120
1,2-Dibromo-3-Chloropropane	500	467	J	ug/Kg		93	10 - 129
Ethylene Dibromide	500	496		ug/Kg		99	47 - 123
Dichlorodifluoromethane	500	244	J	ug/Kg		49	10 - 110
cis-1,2-Dichloroethene	500	439		ug/Kg		88	60 - 125
trans-1,2-Dichloroethene	500	417		ug/Kg		83	58 - 121
Isopropylbenzene	500	451		ug/Kg		90	61 - 123
Methyl acetate	500	560		ug/Kg		112	44 - 173
Methyl tert-butyl ether	500	469	J	ug/Kg		94	34 - 157

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-11562/2-A
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	500	412		ug/Kg		82	48 - 151
1,2,4-Trichlorobenzene	500	414		ug/Kg		83	41 - 135
1,2-Dichlorobenzene	500	465		ug/Kg		93	68 - 118
1,3-Dichlorobenzene	500	442		ug/Kg		88	66 - 121
1,4-Dichlorobenzene	500	432		ug/Kg		86	65 - 119
Trichlorofluoromethane	500	322		ug/Kg		64	17 - 145
Chlorodibromomethane	500	358		ug/Kg		72	22 - 113
Methylcyclohexane	500	416	J	ug/Kg		83	41 - 133
m-Xylene & p-Xylene	1000	900		ug/Kg		90	67 - 118
o-Xylene	500	477		ug/Kg		95	68 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*39 - 128*
4-Bromofluorobenzene (Surr)	*86*		*26 - 141*
Toluene-d8 (Surr)	*88*		*33 - 134*
Dibromofluoromethane (Surr)	*79*		*30 - 122*

Lab Sample ID: MB 240-11628/6
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg			08/11/11 12:03	1
Benzene	5.0	U	5.0	0.23	ug/Kg			08/11/11 12:03	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg			08/11/11 12:03	1
Bromoform	5.0	U	5.0	0.33	ug/Kg			08/11/11 12:03	1
Bromomethane	5.0	U	5.0	0.54	ug/Kg			08/11/11 12:03	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg			08/11/11 12:03	1
Carbon disulfide	5.0	U	5.0	0.44	ug/Kg			08/11/11 12:03	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg			08/11/11 12:03	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg			08/11/11 12:03	1
Chloroethane	5.0	U	5.0	0.86	ug/Kg			08/11/11 12:03	1
Chloroform	5.0	U	5.0	0.29	ug/Kg			08/11/11 12:03	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg			08/11/11 12:03	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg			08/11/11 12:03	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg			08/11/11 12:03	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg			08/11/11 12:03	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg			08/11/11 12:03	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg			08/11/11 12:03	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg			08/11/11 12:03	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg			08/11/11 12:03	1
2-Hexanone	20	U	20	0.63	ug/Kg			08/11/11 12:03	1
Methylene Chloride	5.0	U	5.0	0.67	ug/Kg			08/11/11 12:03	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg			08/11/11 12:03	1
Styrene	5.0	U	5.0	0.15	ug/Kg			08/11/11 12:03	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg			08/11/11 12:03	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg			08/11/11 12:03	1
Toluene	5.0	U	5.0	0.27	ug/Kg			08/11/11 12:03	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg			08/11/11 12:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-11628/6
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg			08/11/11 12:03	1
Xylenes, Total	10	U	10	0.67	ug/Kg			08/11/11 12:03	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg			08/11/11 12:03	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg			08/11/11 12:03	1
Cyclohexane	10	U	10	0.33	ug/Kg			08/11/11 12:03	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg			08/11/11 12:03	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg			08/11/11 12:03	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg			08/11/11 12:03	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg			08/11/11 12:03	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg			08/11/11 12:03	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg			08/11/11 12:03	1
Methyl acetate	10	U	10	1.4	ug/Kg			08/11/11 12:03	1
Methyl tert-butyl ether	20	U	20	0.43	ug/Kg			08/11/11 12:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg			08/11/11 12:03	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.27	ug/Kg			08/11/11 12:03	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg			08/11/11 12:03	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg			08/11/11 12:03	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg			08/11/11 12:03	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg			08/11/11 12:03	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg			08/11/11 12:03	1
Methylcyclohexane	10	U	10	0.31	ug/Kg			08/11/11 12:03	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 123*		*08/11/11 12:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*52 - 136*		*08/11/11 12:03*	*1*
Toluene-d8 (Surr)	*105*		*67 - 125*		*08/11/11 12:03*	*1*
Dibromofluoromethane (Surr)	*88*		*37 - 132*		*08/11/11 12:03*	*1*

Lab Sample ID: LCS 240-11628/5
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	87.2		ug/Kg		87	41 - 137
Benzene	50.0	48.3		ug/Kg		97	79 - 112
Dichlorobromomethane	50.0	43.7		ug/Kg		87	84 - 122
Bromoform	50.0	43.1		ug/Kg		86	62 - 133
Bromomethane	50.0	30.0		ug/Kg		60	42 - 136
2-Butanone (MEK)	100	97.5		ug/Kg		98	52 - 131
Carbon disulfide	50.0	42.5		ug/Kg		85	62 - 146
Carbon tetrachloride	50.0	43.6		ug/Kg		87	71 - 129
Chlorobenzene	50.0	47.2		ug/Kg		94	78 - 110
Chloroethane	50.0	27.9	*	ug/Kg		56	58 - 117
Chloroform	50.0	46.7		ug/Kg		93	77 - 114
Chloromethane	50.0	38.8		ug/Kg		78	50 - 110
1,1-Dichloroethane	50.0	45.8		ug/Kg		92	76 - 115
1,2-Dichloroethane	50.0	42.6		ug/Kg		85	72 - 120
1,1-Dichloroethene	50.0	48.8		ug/Kg		98	75 - 135
1,2-Dichloropropane	50.0	48.6		ug/Kg		97	87 - 113

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-11628/5
Matrix: Solid
Analysis Batch: 11628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
cis-1,3-Dichloropropene	50.0	45.2		ug/Kg		90	74 - 128
trans-1,3-Dichloropropene	50.0	46.6		ug/Kg		93	73 - 131
Ethylbenzene	50.0	49.1		ug/Kg		98	79 - 117
2-Hexanone	100	109		ug/Kg		109	64 - 136
Methylene Chloride	50.0	42.8		ug/Kg		86	75 - 118
4-Methyl-2-pentanone (MIBK)	100	108		ug/Kg		108	67 - 135
Styrene	50.0	50.7		ug/Kg		101	87 - 117
1,1,2,2-Tetrachloroethane	50.0	55.9		ug/Kg		112	77 - 123
Tetrachloroethene	50.0	49.6		ug/Kg		99	79 - 114
Toluene	50.0	50.5		ug/Kg		101	75 - 111
Trichloroethene	50.0	48.1		ug/Kg		96	79 - 113
Vinyl chloride	50.0	41.6		ug/Kg		83	57 - 114
1,1,1-Trichloroethane	50.0	44.8		ug/Kg		90	77 - 126
1,1,2-Trichloroethane	50.0	53.0		ug/Kg		106	83 - 112
Cyclohexane	50.0	44.4		ug/Kg		89	66 - 110
1,2-Dibromo-3-Chloropropane	50.0	46.9		ug/Kg		94	61 - 132
Ethylene Dibromide	50.0	53.7		ug/Kg		107	83 - 117
Dichlorodifluoromethane	50.0	36.3		ug/Kg		73	26 - 113
cis-1,2-Dichloroethene	50.0	46.0		ug/Kg		92	76 - 113
trans-1,2-Dichloroethene	50.0	45.3		ug/Kg		91	78 - 117
Isopropylbenzene	50.0	49.8		ug/Kg		100	76 - 122
Methyl acetate	50.0	44.4		ug/Kg		89	57 - 130
Methyl tert-butyl ether	50.0	47.8		ug/Kg		96	49 - 165
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.4		ug/Kg		93	82 - 138
1,2,4-Trichlorobenzene	50.0	47.2		ug/Kg		94	64 - 124
1,2-Dichlorobenzene	50.0	47.8		ug/Kg		96	76 - 110
1,3-Dichlorobenzene	50.0	48.2		ug/Kg		96	78 - 111
1,4-Dichlorobenzene	50.0	46.7		ug/Kg		93	75 - 110
Trichlorofluoromethane	50.0	39.0		ug/Kg		78	57 - 146
Chlorodibromomethane	50.0	44.0		ug/Kg		88	72 - 127
Methylcyclohexane	50.0	47.5		ug/Kg		95	70 - 126
m-Xylene & p-Xylene	100	97.6		ug/Kg		98	80 - 117
o-Xylene	50.0	50.6		ug/Kg		101	80 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*58 - 123*
4-Bromofluorobenzene (Surr)	*102*		*52 - 136*
Toluene-d8 (Surr)	*107*		*67 - 125*
Dibromofluoromethane (Surr)	*94*		*37 - 132*

Lab Sample ID: MB 240-11842/6
Matrix: Solid
Analysis Batch: 11842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg			08/12/11 13:33	1
Benzene	5.0	U	5.0	0.23	ug/Kg			08/12/11 13:33	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg			08/12/11 13:33	1
Bromoform	5.0	U	5.0	0.33	ug/Kg			08/12/11 13:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-11842/6
Matrix: Solid
Analysis Batch: 11842

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	5.0	U	5.0	0.54	ug/Kg			08/12/11 13:33	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg			08/12/11 13:33	1
Carbon disulfide	0.929	J	5.0	0.44	ug/Kg			08/12/11 13:33	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg			08/12/11 13:33	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg			08/12/11 13:33	1
Chloroethane	5.0	U	5.0	0.86	ug/Kg			08/12/11 13:33	1
Chloroform	5.0	U	5.0	0.29	ug/Kg			08/12/11 13:33	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg			08/12/11 13:33	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg			08/12/11 13:33	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg			08/12/11 13:33	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg			08/12/11 13:33	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg			08/12/11 13:33	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg			08/12/11 13:33	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg			08/12/11 13:33	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg			08/12/11 13:33	1
2-Hexanone	20	U	20	0.63	ug/Kg			08/12/11 13:33	1
Methylene Chloride	1.54	J	5.0	0.67	ug/Kg			08/12/11 13:33	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg			08/12/11 13:33	1
Styrene	5.0	U	5.0	0.15	ug/Kg			08/12/11 13:33	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg			08/12/11 13:33	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg			08/12/11 13:33	1
Toluene	5.0	U	5.0	0.27	ug/Kg			08/12/11 13:33	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg			08/12/11 13:33	1
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg			08/12/11 13:33	1
Xylenes, Total	10	U	10	0.67	ug/Kg			08/12/11 13:33	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg			08/12/11 13:33	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg			08/12/11 13:33	1
Cyclohexane	10	U	10	0.33	ug/Kg			08/12/11 13:33	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg			08/12/11 13:33	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg			08/12/11 13:33	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg			08/12/11 13:33	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg			08/12/11 13:33	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg			08/12/11 13:33	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg			08/12/11 13:33	1
Methyl acetate	10	U	10	1.4	ug/Kg			08/12/11 13:33	1
Methyl tert-butyl ether	20	U	20	0.43	ug/Kg			08/12/11 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg			08/12/11 13:33	1
1,2,4-Trichlorobenzene	0.285	J	5.0	0.27	ug/Kg			08/12/11 13:33	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg			08/12/11 13:33	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg			08/12/11 13:33	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg			08/12/11 13:33	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg			08/12/11 13:33	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg			08/12/11 13:33	1
Methylcyclohexane	10	U	10	0.31	ug/Kg			08/12/11 13:33	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*58 - 123*		*08/12/11 13:33*	*1*
4-Bromofluorobenzene (Surr)	*96*		*52 - 136*		*08/12/11 13:33*	*1*
Toluene-d8 (Surr)	*104*		*67 - 125*		*08/12/11 13:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-11842/6
Matrix: Solid
Analysis Batch: 11842

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	88		37 - 132		08/12/11 13:33	1

Lab Sample ID: LCS 240-11842/5
Matrix: Solid
Analysis Batch: 11842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	90.6		ug/Kg		91	41 - 137
Benzene	50.0	48.0		ug/Kg		96	79 - 112
Dichlorobromomethane	50.0	42.2		ug/Kg		84	84 - 122
Bromoform	50.0	41.5		ug/Kg		83	62 - 133
Bromomethane	50.0	33.0		ug/Kg		66	42 - 136
2-Butanone (MEK)	100	96.3		ug/Kg		96	52 - 131
Carbon disulfide	50.0	43.7		ug/Kg		87	62 - 146
Carbon tetrachloride	50.0	45.4		ug/Kg		91	71 - 129
Chlorobenzene	50.0	46.6		ug/Kg		93	78 - 110
Chloroethane	50.0	31.8		ug/Kg		64	58 - 117
Chloroform	50.0	46.7		ug/Kg		93	77 - 114
Chloromethane	50.0	42.3		ug/Kg		85	50 - 110
1,1-Dichloroethane	50.0	47.6		ug/Kg		95	76 - 115
1,2-Dichloroethane	50.0	42.1		ug/Kg		84	72 - 120
1,1-Dichloroethene	50.0	50.9		ug/Kg		102	75 - 135
1,2-Dichloropropane	50.0	47.4		ug/Kg		95	87 - 113
cis-1,3-Dichloropropene	50.0	42.0		ug/Kg		84	74 - 128
trans-1,3-Dichloropropene	50.0	43.8		ug/Kg		88	73 - 131
Ethylbenzene	50.0	48.8		ug/Kg		98	79 - 117
2-Hexanone	100	106		ug/Kg		106	64 - 136
Methylene Chloride	50.0	47.0		ug/Kg		94	75 - 118
4-Methyl-2-pentanone (MIBK)	100	109		ug/Kg		109	67 - 135
Styrene	50.0	49.8		ug/Kg		100	87 - 117
1,1,2,2-Tetrachloroethane	50.0	52.7		ug/Kg		105	77 - 123
Tetrachloroethene	50.0	49.2		ug/Kg		98	79 - 114
Toluene	50.0	49.8		ug/Kg		100	75 - 111
Trichloroethene	50.0	48.5		ug/Kg		97	79 - 113
Vinyl chloride	50.0	44.4		ug/Kg		89	57 - 114
1,1,1-Trichloroethane	50.0	46.6		ug/Kg		93	77 - 126
1,1,2-Trichloroethane	50.0	51.1		ug/Kg		102	83 - 112
Cyclohexane	50.0	47.8		ug/Kg		96	66 - 110
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	61 - 132
Ethylene Dibromide	50.0	51.1		ug/Kg		102	83 - 117
Dichlorodifluoromethane	50.0	36.2		ug/Kg		72	26 - 113
cis-1,2-Dichloroethene	50.0	47.1		ug/Kg		94	76 - 113
trans-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	78 - 117
Isopropylbenzene	50.0	50.6		ug/Kg		101	76 - 122
Methyl acetate	50.0	45.1		ug/Kg		90	57 - 130
Methyl tert-butyl ether	50.0	48.5		ug/Kg		97	49 - 165
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	49.5		ug/Kg		99	82 - 138
1,2,4-Trichlorobenzene	50.0	48.1		ug/Kg		96	64 - 124
1,2-Dichlorobenzene	50.0	47.9		ug/Kg		96	76 - 110

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-11842/5
Matrix: Solid
Analysis Batch: 11842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,3-Dichlorobenzene	50.0	48.4		ug/Kg		97	78 - 111
1,4-Dichlorobenzene	50.0	46.4		ug/Kg		93	75 - 110
Trichlorofluoromethane	50.0	41.2		ug/Kg		82	57 - 146
Chlorodibromomethane	50.0	42.5		ug/Kg		85	72 - 127
Methylcyclohexane	50.0	49.6		ug/Kg		99	70 - 126
m-Xylene & p-Xylene	100	97.6		ug/Kg		98	80 - 117
o-Xylene	50.0	50.7		ug/Kg		101	80 - 120

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*58 - 123*
4-Bromofluorobenzene (Surr)	*100*		*52 - 136*
Toluene-d8 (Surr)	*107*		*67 - 125*
Dibromofluoromethane (Surr)	*97*		*37 - 132*

Lab Sample ID: MB 240-12726/5
Matrix: Water
Analysis Batch: 12726

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			08/20/11 13:02	1
Benzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			08/20/11 13:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			08/20/11 13:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			08/20/11 13:02	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			08/20/11 13:02	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			08/20/11 13:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			08/20/11 13:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			08/20/11 13:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			08/20/11 13:02	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			08/20/11 13:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			08/20/11 13:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			08/20/11 13:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			08/20/11 13:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			08/20/11 13:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			08/20/11 13:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			08/20/11 13:02	1
2-Hexanone	10	U	10	0.41	ug/L			08/20/11 13:02	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			08/20/11 13:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			08/20/11 13:02	1
Styrene	1.0	U	1.0	0.11	ug/L			08/20/11 13:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			08/20/11 13:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			08/20/11 13:02	1
Toluene	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			08/20/11 13:02	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			08/20/11 13:02	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			08/20/11 13:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			08/20/11 13:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-12726/5
Matrix: Water
Analysis Batch: 12726

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			08/20/11 13:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			08/20/11 13:02	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			08/20/11 13:02	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			08/20/11 13:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			08/20/11 13:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			08/20/11 13:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			08/20/11 13:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
Methyl acetate	10	U	10	0.38	ug/L			08/20/11 13:02	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			08/20/11 13:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			08/20/11 13:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			08/20/11 13:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			08/20/11 13:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			08/20/11 13:02	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			08/20/11 13:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			08/20/11 13:02	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*		*08/20/11 13:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*08/20/11 13:02*	*1*
Toluene-d8 (Surr)	*108*		*74 - 115*		*08/20/11 13:02*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*08/20/11 13:02*	*1*

Lab Sample ID: LCS 240-12726/4
Matrix: Water
Analysis Batch: 12726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	20.8		ug/L		104	43 - 136
Benzene	10.0	10.2		ug/L		102	83 - 112
Dichlorobromomethane	10.0	10.1		ug/L		101	72 - 121
Bromoform	10.0	7.91		ug/L		79	40 - 131
Bromomethane	10.0	7.85		ug/L		79	11 - 185
2-Butanone (MEK)	20.0	19.8		ug/L		99	60 - 126
Carbon disulfide	10.0	9.82		ug/L		98	62 - 142
Carbon tetrachloride	10.0	9.62		ug/L		96	66 - 128
Chlorobenzene	10.0	10.2		ug/L		102	85 - 110
Chloroethane	10.0	8.49		ug/L		85	25 - 153
Chloroform	10.0	9.79		ug/L		98	79 - 117
Chloromethane	10.0	9.76		ug/L		98	44 - 126
1,1-Dichloroethane	10.0	9.95		ug/L		100	82 - 115
1,2-Dichloroethane	10.0	10.4		ug/L		104	71 - 127
1,1-Dichloroethene	10.0	10.4		ug/L		104	78 - 131
1,2-Dichloropropane	10.0	10.6		ug/L		106	81 - 115
cis-1,3-Dichloropropene	10.0	9.51		ug/L		95	61 - 115
trans-1,3-Dichloropropene	10.0	10.0		ug/L		100	58 - 117
Ethylbenzene	10.0	10.2		ug/L		102	83 - 112

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-12726/4
Matrix: Water
Analysis Batch: 12726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Hexanone	20.0	17.3		ug/L		87	55 - 133
Methylene Chloride	10.0	9.38		ug/L		94	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.8		ug/L		94	63 - 128
Styrene	10.0	10.1		ug/L		101	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.1		ug/L		101	68 - 118
Tetrachloroethene	10.0	9.71		ug/L		97	79 - 114
Toluene	10.0	10.5		ug/L		105	84 - 111
Trichloroethene	10.0	9.49		ug/L		95	76 - 117
Vinyl chloride	10.0	9.55		ug/L		96	53 - 127
1,1,1-Trichloroethane	10.0	9.35		ug/L		94	74 - 118
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 112
Cyclohexane	10.0	9.25		ug/L		93	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.60		ug/L		86	42 - 136
Ethylene Dibromide	10.0	10.3		ug/L		103	79 - 113
Dichlorodifluoromethane	10.0	7.78		ug/L		78	19 - 129
cis-1,2-Dichloroethene	10.0	9.41		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.64		ug/L		96	83 - 117
Isopropylbenzene	10.0	9.78		ug/L		98	75 - 114
Methyl acetate	10.0	9.16	J	ug/L		92	58 - 131
Methyl tert-butyl ether	10.0	9.06		ug/L		91	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.2		ug/L		102	74 - 151
1,2,4-Trichlorobenzene	10.0	7.79		ug/L		78	48 - 135
1,2-Dichlorobenzene	10.0	9.61		ug/L		96	81 - 110
1,3-Dichlorobenzene	10.0	9.60		ug/L		96	80 - 110
1,4-Dichlorobenzene	10.0	9.72		ug/L		97	82 - 110
Trichlorofluoromethane	10.0	12.2		ug/L		122	49 - 157
Chlorodibromomethane	10.0	9.34		ug/L		93	64 - 119
Methylcyclohexane	10.0	9.43		ug/L		94	56 - 127
m-Xylene & p-Xylene	20.0	20.0		ug/L		100	83 - 113
o-Xylene	10.0	10.0		ug/L		100	83 - 113

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 129*
4-Bromofluorobenzene (Surr)	*103*		*66 - 117*
Toluene-d8 (Surr)	*108*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-11792/1-A
Matrix: Water
Analysis Batch: 12187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11792

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,2'-oxybis[1-chloropropane]	1.0	U	1.0	0.40	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.30	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-11792/1-A
Matrix: Water
Analysis Batch: 12187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11792

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,4-Dimethylphenol	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,4-Dinitrophenol	5.0	U	5.0	2.4	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,4-Dinitrotoluene	5.0	U	5.0	0.27	ug/L		08/12/11 09:40	08/16/11 15:03	1
2,6-Dinitrotoluene	5.0	U	5.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
2-Chlorophenol	1.0	U	1.0	0.29	ug/L		08/12/11 09:40	08/16/11 15:03	1
2-Methylnaphthalene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
2-Methylphenol	1.0	U	1.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
2-Nitroaniline	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
2-Nitrophenol	2.0	U	2.0	0.28	ug/L		08/12/11 09:40	08/16/11 15:03	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.37	ug/L		08/12/11 09:40	08/16/11 15:03	1
3-Nitroaniline	2.0	U	2.0	0.28	ug/L		08/12/11 09:40	08/16/11 15:03	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	2.4	ug/L		08/12/11 09:40	08/16/11 15:03	1
4-Bromophenyl phenyl ether	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
4-Chloro-3-methylphenol	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
4-Chloroaniline	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
4-Chlorophenyl phenyl ether	2.0	U	2.0	0.30	ug/L		08/12/11 09:40	08/16/11 15:03	1
4-Nitroaniline	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
4-Nitrophenol	5.0	U	5.0	2.4	ug/L		08/12/11 09:40	08/16/11 15:03	1
Acenaphthene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Acenaphthylene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Acetophenone	1.0	U	1.0	0.34	ug/L		08/12/11 09:40	08/16/11 15:03	1
Anthracene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Atrazine	1.0	U	1.0	0.34	ug/L		08/12/11 09:40	08/16/11 15:03	1
Benzaldehyde	1.0	U	1.0	0.39	ug/L		08/12/11 09:40	08/16/11 15:03	1
Benzo[a]anthracene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Benzo[a]pyrene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Benzo[b]fluoranthene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Benzo[g,h,i]perylene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Benzo[k]fluoranthene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.32	ug/L		08/12/11 09:40	08/16/11 15:03	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
Butyl benzyl phthalate	1.0	U	1.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
Caprolactam	5.0	U	5.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
Carbazole	1.0	U	1.0	0.28	ug/L		08/12/11 09:40	08/16/11 15:03	1
Chrysene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Dibenz(a,h)anthracene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Dibenzofuran	1.0	U	1.0	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Diethyl phthalate	1.0	U	1.0	0.60	ug/L		08/12/11 09:40	08/16/11 15:03	1
Dimethyl phthalate	1.0	U	1.0	0.29	ug/L		08/12/11 09:40	08/16/11 15:03	1
Di-n-butyl phthalate	1.0	U	1.0	0.67	ug/L		08/12/11 09:40	08/16/11 15:03	1
Di-n-octyl phthalate	1.0	U	1.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
Fluoranthene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Fluorene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Hexachlorobenzene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Hexachlorobutadiene	1.0	U	1.0	0.27	ug/L		08/12/11 09:40	08/16/11 15:03	1
Hexachlorocyclopentadiene	10	U	10	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
Hexachloroethane	1.0	U	1.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-11792/1-A
Matrix: Water
Analysis Batch: 12187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11792

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Isophorone	1.0	U	1.0	0.27	ug/L		08/12/11 09:40	08/16/11 15:03	1
Naphthalene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Nitrobenzene	1.0	U	1.0	0.040	ug/L		08/12/11 09:40	08/16/11 15:03	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.80	ug/L		08/12/11 09:40	08/16/11 15:03	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.31	ug/L		08/12/11 09:40	08/16/11 15:03	1
Pentachlorophenol	5.0	U	5.0	2.4	ug/L		08/12/11 09:40	08/16/11 15:03	1
Phenol	1.0	U	1.0	0.60	ug/L		08/12/11 09:40	08/16/11 15:03	1
Phenanthrene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
Pyrene	0.20	U	0.20	0.10	ug/L		08/12/11 09:40	08/16/11 15:03	1
3 & 4 Methylphenol	2.0	U	2.0	0.75	ug/L		08/12/11 09:40	08/16/11 15:03	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*41*		*28 - 110*	*08/12/11 09:40*	*08/16/11 15:03*	*1*
2-Fluorophenol (Surr)	*55*		*10 - 110*	*08/12/11 09:40*	*08/16/11 15:03*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*22 - 120*	*08/12/11 09:40*	*08/16/11 15:03*	*1*
Nitrobenzene-d5 (Surr)	*40*		*27 - 111*	*08/12/11 09:40*	*08/16/11 15:03*	*1*
Phenol-d5 (Surr)	*53*		*10 - 110*	*08/12/11 09:40*	*08/16/11 15:03*	*1*
Terphenyl-d14 (Surr)	*50*		*37 - 119*	*08/12/11 09:40*	*08/16/11 15:03*	*1*

Lab Sample ID: LCS 240-11792/2-A
Matrix: Water
Analysis Batch: 12451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11792

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1'-Biphenyl	20.0	14.1		ug/L		71	50 - 130
2,2'-oxybis[1-chloropropane]	20.0	9.94		ug/L		50	25 - 128
2,4,5-Trichlorophenol	20.0	16.4		ug/L		82	39 - 110
2,4,6-Trichlorophenol	20.0	15.3		ug/L		77	35 - 110
2,4-Dichlorophenol	20.0	16.2		ug/L		81	33 - 110
2,4-Dimethylphenol	20.0	12.2		ug/L		61	12 - 110
2,4-Dinitrophenol	20.0	12.6		ug/L		63	17 - 112
2,4-Dinitrotoluene	20.0	12.4		ug/L		62	52 - 123
2,6-Dinitrotoluene	20.0	12.7		ug/L		64	52 - 119
2-Chloronaphthalene	20.0	10.8		ug/L		54	39 - 110
2-Chlorophenol	20.0	15.5		ug/L		78	27 - 110
2-Methylnaphthalene	20.0	18.4		ug/L		92	35 - 110
2-Methylphenol	20.0	14.8		ug/L		74	30 - 110
2-Nitroaniline	20.0	14.8		ug/L		74	43 - 130
2-Nitrophenol	20.0	16.0		ug/L		80	29 - 110
3,3'-Dichlorobenzidine	20.0	8.40		ug/L		42	19 - 110
3-Nitroaniline	20.0	16.0		ug/L		80	45 - 116
4,6-Dinitro-2-methylphenol	20.0	15.4		ug/L		77	28 - 112
4-Bromophenyl phenyl ether	20.0	11.5		ug/L		58	51 - 114
4-Chloro-3-methylphenol	20.0	15.1		ug/L		76	39 - 110
4-Chloroaniline	20.0	14.0		ug/L		70	10 - 110
4-Chlorophenyl phenyl ether	20.0	11.7		ug/L		59	50 - 115
4-Nitroaniline	20.0	15.9		ug/L		80	45 - 120
4-Nitrophenol	20.0	14.7		ug/L		73	12 - 130

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-11792/2-A
Matrix: Water
Analysis Batch: 12451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11792

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	20.0	14.7		ug/L		74	40 - 110
Acenaphthylene	20.0	15.2		ug/L		76	43 - 110
Acetophenone	20.0	15.3		ug/L		76	50 - 130
Anthracene	20.0	15.2		ug/L		76	54 - 114
Atrazine	20.0	17.3		ug/L		87	50 - 130
Benzaldehyde	20.0	12.4		ug/L		62	10 - 130
Benzo[a]anthracene	20.0	15.1		ug/L		76	55 - 115
Benzo[a]pyrene	20.0	13.3		ug/L		67	43 - 116
Benzo[b]fluoranthene	20.0	15.1		ug/L		75	43 - 122
Benzo[g,h,i]perylene	20.0	17.3		ug/L		87	45 - 120
Benzo[k]fluoranthene	20.0	17.1		ug/L		86	43 - 124
Bis(2-chloroethoxy)methane	20.0	11.4		ug/L		57	39 - 110
Bis(2-chloroethyl)ether	20.0	11.4		ug/L		57	34 - 113
Bis(2-ethylhexyl) phthalate	20.0	16.6		ug/L		83	36 - 163
Butyl benzyl phthalate	20.0	15.8		ug/L		79	53 - 126
Caprolactam	20.0	15.2		ug/L		76	50 - 130
Carbazole	20.0	15.3		ug/L		77	53 - 120
Chrysene	20.0	15.9		ug/L		79	55 - 115
Dibenz(a,h)anthracene	20.0	17.3		ug/L		87	46 - 122
Dibenzofuran	20.0	15.6		ug/L		78	46 - 111
Diethyl phthalate	20.0	15.7		ug/L		78	33 - 134
Dimethyl phthalate	20.0	16.1		ug/L		81	15 - 143
Di-n-butyl phthalate	20.0	16.0		ug/L		80	55 - 122
Di-n-octyl phthalate	20.0	15.1		ug/L		75	44 - 128
Fluoranthene	20.0	16.3		ug/L		81	54 - 122
Fluorene	20.0	15.4		ug/L		77	47 - 112
Hexachlorobenzene	20.0	11.4		ug/L		57	51 - 112
Hexachlorobutadiene	20.0	9.60		ug/L		48	13 - 110
Hexachlorocyclopentadiene	20.0	3.92	J	ug/L		20	10 - 110
Hexachloroethane	20.0	9.72		ug/L		49	12 - 110
Indeno[1,2,3-cd]pyrene	20.0	17.1		ug/L		85	46 - 121
Isophorone	20.0	14.9		ug/L		74	44 - 128
Naphthalene	20.0	15.0		ug/L		75	31 - 110
Nitrobenzene	20.0	11.0		ug/L		55	37 - 115
N-Nitrosodi-n-propylamine	20.0	14.8		ug/L		74	37 - 121
N-Nitrosodiphenylamine	20.0	15.1		ug/L		76	53 - 113
Pentachlorophenol	20.0	16.2		ug/L		81	26 - 110
Phenol	20.0	14.8		ug/L		74	14 - 112
Phenanthrene	20.0	15.3		ug/L		77	52 - 114
Pyrene	20.0	15.5		ug/L		77	55 - 120
3 & 4 Methylphenol	40.0	30.0		ug/L		75	32 - 110

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*55*		*28 - 110*
2-Fluorophenol (Surr)	*77*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*89*		*22 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 111*
Phenol-d5 (Surr)	*79*		*10 - 110*
Terphenyl-d14 (Surr)	*68*		*37 - 119*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-12621/23-A
Matrix: Solid
Analysis Batch: 12935

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,2'-oxybis[1-chloropropane]	100	U	100	9.5	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,4,5-Trichlorophenol	150	U	150	25	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,4,6-Trichlorophenol	150	U	150	80	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,4-Dichlorophenol	150	U	150	20	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,4-Dimethylphenol	150	U	150	20	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,4-Dinitrophenol	330	U	330	80	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,4-Dinitrotoluene	200	U	200	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2,6-Dinitrotoluene	200	U	200	21	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2-Chloronaphthalene	50	U	50	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2-Chlorophenol	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2-Methylnaphthalene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2-Methylphenol	200	U	200	80	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2-Nitroaniline	200	U	200	9.1	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
2-Nitrophenol	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
3,3'-Dichlorobenzidine	100	U	100	18	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
3-Nitroaniline	200	U	200	16	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4,6-Dinitro-2-methylphenol	150	U	150	80	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4-Bromophenyl phenyl ether	50	U	50	13	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4-Chloro-3-methylphenol	150	U	150	21	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4-Chloroaniline	150	U	150	17	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4-Chlorophenyl phenyl ether	50	U	50	13	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4-Nitroaniline	200	U	200	26	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
4-Nitrophenol	330	U	330	80	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Acenaphthene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Acenaphthylene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Acetophenone	100	U	100	9.2	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Anthracene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Atrazine	200	U	200	9.1	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Benzaldehyde	100	U	100	12	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Benzo[a]anthracene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Benzo[a]pyrene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Benzo[b]fluoranthene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Benzo[g,h,i]perylene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Benzo[k]fluoranthene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Bis(2-chloroethoxy)methane	100	U	100	22	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Bis(2-chloroethyl)ether	100	U	100	2.0	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Bis(2-ethylhexyl) phthalate	50	U	50	19	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Butyl benzyl phthalate	50	U	50	10	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Caprolactam	330	U	330	37	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Carbazole	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Chrysene	6.7	U	6.7	1.1	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Dibenz(a,h)anthracene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Dibenzofuran	50	U	50	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Diethyl phthalate	50	U	50	16	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Dimethyl phthalate	50	U	50	17	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Di-n-butyl phthalate	50	U	50	15	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Di-n-octyl phthalate	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Fluoranthene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-12621/23-A
Matrix: Solid
Analysis Batch: 12935

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12621

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Hexachlorobenzene	6.7	U	6.7	2.1	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Hexachlorobutadiene	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Hexachlorocyclopentadiene	330	U	330	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Hexachloroethane	50	U	50	9.0	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Indeno[1,2,3-cd]pyrene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Isophorone	50	U	50	13	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Naphthalene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Nitrobenzene	100	U	100	2.2	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
N-Nitrosodi-n-propylamine	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
N-Nitrosodiphenylamine	50	U	50	21	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Pentachlorophenol	150	U	150	80	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Phenol	50	U	50	27	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Phenanthrene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
Pyrene	6.7	U	6.7	3.3	ug/Kg		08/19/11 09:58	08/23/11 18:09	1
3 & 4 Methylphenol	400	U	400	20	ug/Kg		08/19/11 09:58	08/23/11 18:09	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*49*		*34 - 110*	*08/19/11 09:58*	*08/23/11 18:09*	*1*
2-Fluorophenol (Surr)	*59*		*26 - 110*	*08/19/11 09:58*	*08/23/11 18:09*	*1*
2,4,6-Tribromophenol (Surr)	*35*		*10 - 118*	*08/19/11 09:58*	*08/23/11 18:09*	*1*
Nitrobenzene-d5 (Surr)	*49*		*24 - 112*	*08/19/11 09:58*	*08/23/11 18:09*	*1*
Phenol-d5 (Surr)	*52*		*28 - 110*	*08/19/11 09:58*	*08/23/11 18:09*	*1*
Terphenyl-d14 (Surr)	*68*		*41 - 119*	*08/19/11 09:58*	*08/23/11 18:09*	*1*

Lab Sample ID: LCS 240-12621/24-A
Matrix: Solid
Analysis Batch: 12935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1'-Biphenyl	667	454		ug/Kg		68	50 - 130
2,2'-oxybis[1-chloropropane]	667	431		ug/Kg		65	36 - 116
2,4,5-Trichlorophenol	667	545		ug/Kg		82	42 - 110
2,4,6-Trichlorophenol	667	465		ug/Kg		70	37 - 110
2,4-Dichlorophenol	667	493		ug/Kg		74	40 - 110
2,4-Dimethylphenol	667	461		ug/Kg		69	28 - 110
2,4-Dinitrophenol	667	177	J	ug/Kg		26	10 - 110
2,4-Dinitrotoluene	667	586		ug/Kg		88	55 - 116
2,6-Dinitrotoluene	667	596		ug/Kg		89	54 - 115
2-Chloronaphthalene	667	489		ug/Kg		73	46 - 110
2-Chlorophenol	667	457		ug/Kg		68	39 - 110
2-Methylnaphthalene	667	481		ug/Kg		72	46 - 110
2-Methylphenol	667	483		ug/Kg		72	36 - 110
2-Nitroaniline	667	554		ug/Kg		83	47 - 124
2-Nitrophenol	667	431		ug/Kg		65	35 - 110
3,3'-Dichlorobenzidine	667	333		ug/Kg		50	31 - 110
3-Nitroaniline	667	477		ug/Kg		72	44 - 110
4,6-Dinitro-2-methylphenol	667	335		ug/Kg		50	21 - 110
4-Bromophenyl phenyl ether	667	548		ug/Kg		82	53 - 112

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-12621/24-A
Matrix: Solid
Analysis Batch: 12935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12621

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
4-Chloro-3-methylphenol	667	533		ug/Kg		80	42 - 110
4-Chloroaniline	667	362		ug/Kg		54	25 - 110
4-Chlorophenyl phenyl ether	667	551		ug/Kg		83	53 - 110
4-Nitroaniline	667	532		ug/Kg		80	50 - 110
4-Nitrophenol	667	171	J	ug/Kg		26	24 - 117
Acenaphthene	667	507		ug/Kg		76	46 - 110
Acenaphthylene	667	509		ug/Kg		76	47 - 110
Acetophenone	667	412		ug/Kg		62	50 - 130
Anthracene	667	570		ug/Kg		85	56 - 111
Atrazine	667	553		ug/Kg		83	50 - 130
Benzaldehyde	667	412		ug/Kg		62	10 - 130
Benzo[a]anthracene	667	551		ug/Kg		83	58 - 111
Benzo[a]pyrene	667	516		ug/Kg		77	44 - 115
Benzo[b]fluoranthene	667	567		ug/Kg		85	43 - 124
Benzo[g,h,i]perylene	667	614		ug/Kg		92	44 - 120
Benzo[k]fluoranthene	667	575		ug/Kg		86	38 - 122
Bis(2-chloroethoxy)methane	667	459		ug/Kg		69	42 - 110
Bis(2-chloroethyl)ether	667	453		ug/Kg		68	41 - 110
Bis(2-ethylhexyl) phthalate	667	605		ug/Kg		91	56 - 123
Butyl benzyl phthalate	667	615		ug/Kg		92	57 - 121
Caprolactam	667	389		ug/Kg		58	50 - 130
Carbazole	667	569		ug/Kg		85	56 - 115
Chrysene	667	553		ug/Kg		83	56 - 111
Dibenz(a,h)anthracene	667	603		ug/Kg		90	45 - 122
Dibenzofuran	667	529		ug/Kg		79	50 - 110
Diethyl phthalate	667	555		ug/Kg		83	55 - 114
Dimethyl phthalate	667	557		ug/Kg		84	54 - 112
Di-n-butyl phthalate	667	600		ug/Kg		90	57 - 119
Di-n-octyl phthalate	667	581		ug/Kg		87	45 - 123
Fluoranthene	667	581		ug/Kg		87	55 - 118
Fluorene	667	546		ug/Kg		82	51 - 110
Hexachlorobenzene	667	565		ug/Kg		85	51 - 110
Hexachlorobutadiene	667	419		ug/Kg		63	39 - 110
Hexachlorocyclopentadiene	667	283	J	ug/Kg		42	10 - 110
Hexachloroethane	667	434		ug/Kg		65	38 - 110
Indeno[1,2,3-cd]pyrene	667	586		ug/Kg		88	45 - 121
Isophorone	667	461		ug/Kg		69	46 - 117
Naphthalene	667	442		ug/Kg		66	42 - 110
Nitrobenzene	667	447		ug/Kg		67	40 - 110
N-Nitrosodi-n-propylamine	667	437		ug/Kg		65	40 - 114
N-Nitrosodiphenylamine	667	534		ug/Kg		80	54 - 112
Pentachlorophenol	667	235		ug/Kg		35	10 - 110
Phenol	667	480		ug/Kg		72	39 - 110
Phenanthrene	667	545		ug/Kg		82	54 - 110
Pyrene	667	575		ug/Kg		86	58 - 113
3 & 4 Methylphenol	1330	973		ug/Kg		73	40 - 110

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*69*		*34 - 110*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-12621/24-A
Matrix: Solid
Analysis Batch: 12935

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12621

Surrogate	LCS % Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	73		26 - 110
2,4,6-Tribromophenol (Surr)	69		10 - 118
Nitrobenzene-d5 (Surr)	67		24 - 112
Phenol-d5 (Surr)	72		28 - 110
Terphenyl-d14 (Surr)	92		41 - 119

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-11637/1-A
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11637

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20	U	20	9.6	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Antimony	1.0	U	1.0	0.39	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Barium	0.0904	J	20	0.071	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Beryllium	0.50	U	0.50	0.043	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Calcium	20.8	J	500	16	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Cadmium	0.20	U	0.20	0.036	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Cobalt	5.0	U	5.0	0.16	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Chromium	0.737	J	1.0	0.20	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Copper	2.5	U	2.5	0.74	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Iron	11.3		10	4.9	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Potassium	18.1	J	500	6.2	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Magnesium	500	U	500	5.1	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Manganese	0.128	J	1.5	0.074	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Silver	0.50	U	0.50	0.10	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Sodium	500	U	500	66	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Nickel	4.0	U	4.0	0.27	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Vanadium	5.0	U	5.0	0.12	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Zinc	2.0	U	2.0	1.0	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Arsenic	1.0	U	1.0	0.30	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Lead	0.30	U	0.30	0.19	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Selenium	0.50	U	0.50	0.45	mg/Kg		08/11/11 11:10	08/12/11 09:37	1
Thallium	1.0	U	1.0	0.55	mg/Kg		08/11/11 11:10	08/12/11 09:37	1

Lab Sample ID: LCS 240-11637/2-A
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	200	195		mg/Kg		98	80 - 120
Antimony	50.0	48.0		mg/Kg		96	80 - 120
Barium	200	205		mg/Kg		102	80 - 120
Beryllium	5.00	5.07		mg/Kg		101	80 - 120
Calcium	5000	4910		mg/Kg		98	80 - 120
Cadmium	5.00	5.09		mg/Kg		102	80 - 120
Cobalt	50.0	49.8		mg/Kg		100	80 - 120
Chromium	20.0	20.2		mg/Kg		101	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-11637/2-A
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11637

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
Copper			25.0	25.1		mg/Kg		100	80 - 120		
Iron			100	109		mg/Kg		109	80 - 120		
Potassium			5000	4560		mg/Kg		91	80 - 120		
Magnesium			5000	4930		mg/Kg		99	80 - 120		
Manganese			50.0	51.3		mg/Kg		103	80 - 120		
Silver			5.00	4.78		mg/Kg		96	80 - 120		
Sodium			5000	4920		mg/Kg		98	80 - 120		
Nickel			50.0	50.2		mg/Kg		100	80 - 120		
Vanadium			50.0	50.2		mg/Kg		100	80 - 120		
Zinc			50.0	52.4		mg/Kg		105	80 - 120		
Arsenic			200	197		mg/Kg		98	80 - 120		
Lead			50.0	50.7		mg/Kg		101	80 - 120		
Selenium			200	195		mg/Kg		97	80 - 120		
Thallium			200	196		mg/Kg		98	80 - 120		

Lab Sample ID: 240-2718-16 MS
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-16
Prep Type: Total/NA
Prep Batch: 11637

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
Aluminum	10000		243	11500	4	mg/Kg	☼	510	75 - 125		
Antimony	1.2	U	60.8	22.1	F	mg/Kg	☼	36	75 - 125		
Barium	110	B	243	1610	F	mg/Kg	☼	617	75 - 125		
Beryllium	0.71		6.08	5.81		mg/Kg	☼	84	75 - 125		
Calcium	18000	B	6080	21000	F	mg/Kg	☼	57	75 - 125		
Cadmium	0.62		6.08	5.84		mg/Kg	☼	86	75 - 125		
Cobalt	7.1		60.8	56.8		mg/Kg	☼	82	75 - 125		
Chromium	33	B	24.3	61.7		mg/Kg	☼	119	75 - 125		
Copper	120		30.4	212	F	mg/Kg	☼	305	75 - 125		
Iron	17000	B	122	18800	4	mg/Kg	☼	1752	75 - 125		
Potassium	880	B	6080	5870		mg/Kg	☼	82	75 - 125		
Magnesium	4500		6080	9290		mg/Kg	☼	79	75 - 125		
Manganese	390	B	60.8	382	4	mg/Kg	☼	-13	75 - 125		
Silver	0.14	J	6.08	5.10		mg/Kg	☼	82	75 - 125		
Sodium	160	J	6080	5360		mg/Kg	☼	85	75 - 125		
Nickel	36		60.8	87.1		mg/Kg	☼	84	75 - 125		
Vanadium	20		60.8	75.7		mg/Kg	☼	92	75 - 125		
Zinc	730		60.8	588	4	mg/Kg	☼	-235	75 - 125		
Arsenic	7.7		243	215		mg/Kg	☼	85	75 - 125		
Lead	20		60.8	72.2		mg/Kg	☼	85	75 - 125		
Selenium	0.61	U	243	201		mg/Kg	☼	83	75 - 125		
Thallium	1.2		243	198		mg/Kg	☼	81	75 - 125		

Lab Sample ID: 240-2718-16 MSD
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-16
Prep Type: Total/NA
Prep Batch: 11637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aluminum	10000		243	10800	4	mg/Kg	☼	226	75 - 125	6	20
Antimony	1.2	U	60.8	23.7	F	mg/Kg	☼	39	75 - 125	7	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-2718-16 MSD
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-16
Prep Type: Total/NA
Prep Batch: 11637

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Barium	110	B	243	327	F	mg/Kg	☼	90	75 - 125	132	20
Beryllium	0.71		6.08	5.94		mg/Kg	☼	86	75 - 125	2	20
Calcium	18000	B	6080	22000	F	mg/Kg	☼	74	75 - 125	5	20
Cadmium	0.62		6.08	5.83		mg/Kg	☼	86	75 - 125	0	20
Cobalt	7.1		60.8	61.4		mg/Kg	☼	89	75 - 125	8	20
Chromium	33	B	24.3	61.1		mg/Kg	☼	117	75 - 125	1	20
Copper	120		30.4	163	F	mg/Kg	☼	143	75 - 125	26	20
Iron	17000	B	122	20100	4	mg/Kg	☼	2855	75 - 125	7	20
Potassium	880	B	6080	6170		mg/Kg	☼	87	75 - 125	5	20
Magnesium	4500		6080	10100		mg/Kg	☼	92	75 - 125	8	20
Manganese	390	B	60.8	572	4 F	mg/Kg	☼	299	75 - 125	40	20
Silver	0.14	J	6.08	5.41		mg/Kg	☼	87	75 - 125	6	20
Sodium	160	J	6080	5660		mg/Kg	☼	90	75 - 125	6	20
Nickel	36		60.8	95.7		mg/Kg	☼	98	75 - 125	9	20
Vanadium	20		60.8	77.2		mg/Kg	☼	94	75 - 125	2	20
Zinc	730		60.8	774	4 F	mg/Kg	☼	70	75 - 125	27	20
Arsenic	7.7		243	225		mg/Kg	☼	89	75 - 125	4	20
Lead	20		60.8	76.1		mg/Kg	☼	92	75 - 125	5	20
Selenium	0.61	U	243	211		mg/Kg	☼	87	75 - 125	5	20
Thallium	1.2		243	205		mg/Kg	☼	84	75 - 125	3	20

Lab Sample ID: MB 240-11651/1-A
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20	U	20	9.6	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Antimony	1.0	U	1.0	0.39	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Barium	0.0875	J	20	0.071	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Beryllium	0.50	U	0.50	0.043	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Calcium	500	U	500	16	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Cadmium	0.20	U	0.20	0.036	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Cobalt	5.0	U	5.0	0.16	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Chromium	1.0	U	1.0	0.20	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Copper	2.5	U	2.5	0.74	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Iron	5.12	J	10	4.9	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Potassium	13.9	J	500	6.2	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Magnesium	500	U	500	5.1	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Manganese	0.208	J	1.5	0.074	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Silver	0.50	U	0.50	0.10	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Sodium	500	U	500	66	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Nickel	4.0	U	4.0	0.27	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Vanadium	5.0	U	5.0	0.12	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Zinc	2.0	U	2.0	1.0	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Arsenic	1.0	U	1.0	0.30	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Lead	0.30	U	0.30	0.19	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Selenium	0.50	U	0.50	0.45	mg/Kg		08/11/11 12:12	08/12/11 12:38	1
Thallium	1.0	U	1.0	0.55	mg/Kg		08/11/11 12:12	08/12/11 12:38	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-11651/2-A
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	200	196		mg/Kg		98	80 - 120
Antimony	50.0	47.1		mg/Kg		94	80 - 120
Barium	200	207		mg/Kg		103	80 - 120
Beryllium	5.00	5.07		mg/Kg		101	80 - 120
Calcium	5000	4800		mg/Kg		96	80 - 120
Cadmium	5.00	5.05		mg/Kg		101	80 - 120
Cobalt	50.0	49.5		mg/Kg		99	80 - 120
Chromium	20.0	20.2		mg/Kg		101	80 - 120
Copper	25.0	24.5		mg/Kg		98	80 - 120
Iron	100	107		mg/Kg		107	80 - 120
Potassium	5000	4550		mg/Kg		91	80 - 120
Magnesium	5000	4830		mg/Kg		97	80 - 120
Manganese	50.0	50.8		mg/Kg		102	80 - 120
Silver	5.00	4.87		mg/Kg		97	80 - 120
Sodium	5000	4880		mg/Kg		98	80 - 120
Nickel	50.0	50.6		mg/Kg		101	80 - 120
Vanadium	50.0	50.1		mg/Kg		100	80 - 120
Zinc	50.0	52.7		mg/Kg		105	80 - 120
Arsenic	200	197		mg/Kg		99	80 - 120
Lead	50.0	50.2		mg/Kg		100	80 - 120
Selenium	200	193		mg/Kg		97	80 - 120
Thallium	200	191		mg/Kg		95	80 - 120

Lab Sample ID: 240-2718-30 MS
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 11651

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	10000		227	11800	4	mg/Kg	☼	684	75 - 125
Antimony	0.58	J	56.7	17.7	F	mg/Kg	☼	30	75 - 125
Barium	62	B	227	270		mg/Kg	☼	91	75 - 125
Beryllium	0.38	J	5.67	5.45		mg/Kg	☼	89	75 - 125
Cadmium	0.22	U	5.67	4.91		mg/Kg	☼	87	75 - 125
Cobalt	19		56.7	60.2	F	mg/Kg	☼	73	75 - 125
Chromium	22		22.7	40.4		mg/Kg	☼	83	75 - 125
Copper	25		28.4	51.1		mg/Kg	☼	93	75 - 125
Iron	26000	B	113	26000	4	mg/Kg	☼	44	75 - 125
Potassium	1900	B	5670	7030		mg/Kg	☼	90	75 - 125
Magnesium	8800		5670	13700		mg/Kg	☼	85	75 - 125
Manganese	770	B	56.7	472	4	mg/Kg	☼	-532	75 - 125
Silver	0.56	U	5.67	5.26		mg/Kg	☼	93	75 - 125
Sodium	74	J	5670	5350		mg/Kg	☼	94	75 - 125
Nickel	48		56.7	82.7	F	mg/Kg	☼	62	75 - 125
Vanadium	20		56.7	73.1		mg/Kg	☼	94	75 - 125
Zinc	68		56.7	118		mg/Kg	☼	87	75 - 125
Arsenic	11		227	211		mg/Kg	☼	88	75 - 125
Lead	12		56.7	60.4		mg/Kg	☼	85	75 - 125
Selenium	0.56	U L	227	196		mg/Kg	☼	86	75 - 125
Thallium	1.7		227	188		mg/Kg	☼	82	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-2718-30 MS
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 11651

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Calcium	44000		5670	51600	4	mg/Kg	☼	130	75 - 125

Lab Sample ID: 240-2718-30 MSD
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 11651

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aluminum	10000		227	12100	4	mg/Kg	☼	804	75 - 125	2	20
Antimony	0.58	J	56.7	17.1	F	mg/Kg	☼	29	75 - 125	3	20
Barium	62	B	227	273		mg/Kg	☼	93	75 - 125	1	20
Beryllium	0.38	J	5.67	5.56		mg/Kg	☼	91	75 - 125	2	20
Cadmium	0.22	U	5.67	5.01		mg/Kg	☼	88	75 - 125	2	20
Cobalt	19		56.7	60.6	F	mg/Kg	☼	73	75 - 125	1	20
Chromium	22		22.7	42.2		mg/Kg	☼	90	75 - 125	4	20
Copper	25		28.4	51.3		mg/Kg	☼	94	75 - 125	0	20
Iron	26000	B	113	25600	4	mg/Kg	☼	-294	75 - 125	1	20
Potassium	1900	B	5670	7210		mg/Kg	☼	93	75 - 125	3	20
Magnesium	8800		5670	15400		mg/Kg	☼	116	75 - 125	12	20
Manganese	770	B	56.7	382	4 F	mg/Kg	☼	-692	75 - 125	21	20
Silver	0.56	U	5.67	5.33		mg/Kg	☼	94	75 - 125	1	20
Sodium	74	J	5670	5460		mg/Kg	☼	96	75 - 125	2	20
Nickel	48		56.7	81.7	F	mg/Kg	☼	60	75 - 125	1	20
Vanadium	20		56.7	73.5		mg/Kg	☼	95	75 - 125	1	20
Zinc	68		56.7	123		mg/Kg	☼	96	75 - 125	4	20
Arsenic	11		227	217		mg/Kg	☼	91	75 - 125	3	20
Lead	12		56.7	62.2		mg/Kg	☼	89	75 - 125	3	20
Selenium	0.56	U L	227	202		mg/Kg	☼	89	75 - 125	3	20
Thallium	1.7		227	191		mg/Kg	☼	84	75 - 125	2	20

Lab Sample ID: 240-2718-30 MSD
Matrix: Solid
Analysis Batch: 11939

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 11651

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Calcium	44000		5670	54300	4	mg/Kg	☼	177	75 - 125	5	20

Lab Sample ID: MB 240-14068/1-A
Matrix: Solid
Analysis Batch: 14355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20	U	20	9.6	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Antimony	1.0	U	1.0	0.39	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Barium	0.0964	J	20	0.071	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Beryllium	0.50	U	0.50	0.043	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Calcium	31.5	J	500	16	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Cadmium	0.20	U	0.20	0.036	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Cobalt	5.0	U	5.0	0.16	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Chromium	1.0	U	1.0	0.20	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Copper	2.5	U	2.5	0.74	mg/Kg		09/01/11 11:23	09/02/11 12:45	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-14068/1-A
Matrix: Solid
Analysis Batch: 14355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	10	U	10	4.9	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Potassium	19.8	J	500	6.2	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Magnesium	5.54	J	500	5.1	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Manganese	1.5	U	1.5	0.074	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Silver	0.50	U	0.50	0.10	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Sodium	500	U	500	66	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Nickel	4.0	U	4.0	0.27	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Vanadium	5.0	U	5.0	0.12	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Zinc	2.0	U	2.0	1.0	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Arsenic	1.0	U	1.0	0.30	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Lead	0.30	U	0.30	0.19	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Selenium	0.50	U	0.50	0.45	mg/Kg		09/01/11 11:23	09/02/11 12:45	1
Thallium	1.0	U	1.0	0.55	mg/Kg		09/01/11 11:23	09/02/11 12:45	1

Lab Sample ID: LCS 240-14068/2-A
Matrix: Solid
Analysis Batch: 14355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	200	201		mg/Kg		101	80 - 120
Antimony	50.0	47.9		mg/Kg		96	80 - 120
Barium	200	201		mg/Kg		100	80 - 120
Beryllium	5.00	5.26		mg/Kg		105	80 - 120
Calcium	5000	5030		mg/Kg		101	80 - 120
Cadmium	5.00	5.17		mg/Kg		103	80 - 120
Cobalt	50.0	49.6		mg/Kg		99	80 - 120
Chromium	20.0	20.1		mg/Kg		100	80 - 120
Copper	25.0	25.0		mg/Kg		100	80 - 120
Iron	100	107		mg/Kg		107	80 - 120
Potassium	5000	4690		mg/Kg		94	80 - 120
Magnesium	5000	4910		mg/Kg		98	80 - 120
Manganese	50.0	50.2		mg/Kg		100	80 - 120
Silver	5.00	4.74		mg/Kg		95	80 - 120
Sodium	5000	4800		mg/Kg		96	80 - 120
Nickel	50.0	51.1		mg/Kg		102	80 - 120
Vanadium	50.0	49.0		mg/Kg		98	80 - 120
Zinc	50.0	51.5		mg/Kg		103	80 - 120
Arsenic	200	195		mg/Kg		97	80 - 120
Lead	50.0	50.2		mg/Kg		100	80 - 120
Selenium	200	195		mg/Kg		98	80 - 120
Thallium	200	197		mg/Kg		99	80 - 120

Lab Sample ID: MB 240-11541/1-B
Matrix: Water
Analysis Batch: 11939

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 11589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	97	ug/L		08/11/11 08:24	08/12/11 16:02	1
Antimony	10	U	10	1.8	ug/L		08/11/11 08:24	08/12/11 16:02	1
Barium	1.13	J	200	0.67	ug/L		08/11/11 08:24	08/12/11 16:02	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-11541/1-B
Matrix: Water
Analysis Batch: 11939

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 11589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	5.0	U	5.0	0.46	ug/L		08/11/11 08:24	08/12/11 16:02	1
Calcium	305	J	5000	130	ug/L		08/11/11 08:24	08/12/11 16:02	1
Cadmium	2.0	U	2.0	0.66	ug/L		08/11/11 08:24	08/12/11 16:02	1
Cobalt	7.0	U	7.0	1.7	ug/L		08/11/11 08:24	08/12/11 16:02	1
Chromium	5.0	U	5.0	2.2	ug/L		08/11/11 08:24	08/12/11 16:02	1
Copper	25	U	25	4.5	ug/L		08/11/11 08:24	08/12/11 16:02	1
Iron	100	U	100	81	ug/L		08/11/11 08:24	08/12/11 16:02	1
Potassium	248	J	5000	72	ug/L		08/11/11 08:24	08/12/11 16:02	1
Magnesium	5000	U	5000	34	ug/L		08/11/11 08:24	08/12/11 16:02	1
Manganese	0.666	J	15	0.41	ug/L		08/11/11 08:24	08/12/11 16:02	1
Silver	5.0	U	5.0	2.2	ug/L		08/11/11 08:24	08/12/11 16:02	1
Sodium	5000	U	5000	590	ug/L		08/11/11 08:24	08/12/11 16:02	1
Nickel	40	U	40	3.2	ug/L		08/11/11 08:24	08/12/11 16:02	1
Vanadium	7.0	U	7.0	0.64	ug/L		08/11/11 08:24	08/12/11 16:02	1
Zinc	65.9		50	5.0	ug/L		08/11/11 08:24	08/12/11 16:02	1
Arsenic	10	U	10	3.2	ug/L		08/11/11 08:24	08/12/11 16:02	1
Lead	3.0	U	3.0	1.9	ug/L		08/11/11 08:24	08/12/11 16:02	1
Selenium	5.0	U	5.0	4.1	ug/L		08/11/11 08:24	08/12/11 16:02	1
Thallium	10	U	10	4.7	ug/L		08/11/11 08:24	08/12/11 16:02	1

Lab Sample ID: LCS 240-11589/2-A
Matrix: Water
Analysis Batch: 11939

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 11589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aluminum	2000	1930		ug/L		97	80 - 120
Antimony	500	469		ug/L		94	80 - 120
Barium	2000	2050		ug/L		102	80 - 120
Beryllium	50.0	47.7		ug/L		95	80 - 120
Calcium	50000	46400		ug/L		93	80 - 120
Cadmium	50.0	48.3		ug/L		97	80 - 120
Cobalt	500	475		ug/L		95	80 - 120
Chromium	200	190		ug/L		95	80 - 120
Copper	250	246		ug/L		98	80 - 120
Iron	1000	1010		ug/L		101	80 - 120
Potassium	50000	50100		ug/L		100	80 - 120
Magnesium	50000	46800		ug/L		94	80 - 120
Manganese	500	485		ug/L		97	80 - 120
Silver	50.0	48.1		ug/L		96	80 - 120
Sodium	50000	49500		ug/L		99	80 - 120
Nickel	500	481		ug/L		96	80 - 120
Vanadium	500	483		ug/L		97	80 - 120
Zinc	500	503		ug/L		101	80 - 120
Arsenic	2000	1910		ug/L		96	80 - 120
Lead	500	481		ug/L		96	80 - 120
Selenium	2000	1930		ug/L		96	80 - 120
Thallium	2000	1880		ug/L		94	80 - 120

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-11619/1-A
Matrix: Water
Analysis Batch: 12114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		08/11/11 14:25	08/15/11 13:51	1

Lab Sample ID: LCS 240-11619/2-A
Matrix: Water
Analysis Batch: 12114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	5.00	4.66		ug/L		93	81 - 123

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 240-11646/1-A
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11646

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	U	0.10	0.015	mg/Kg		08/11/11 13:50	08/12/11 11:41	1

Lab Sample ID: LCS 240-11646/2-A
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.844		mg/Kg		101	73 - 121

Lab Sample ID: 240-2718-16 MS
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: S-12616-080911-DN-16
Prep Type: Total/NA
Prep Batch: 11646

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.099	J	0.207	0.300		mg/Kg	☼	98	11 - 192

Lab Sample ID: 240-2718-16 MSD
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: S-12616-080911-DN-16
Prep Type: Total/NA
Prep Batch: 11646

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.099	J	0.207	0.286		mg/Kg	☼	91	11 - 192	5	20

Lab Sample ID: MB 240-11650/1-A
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	U	0.10	0.015	mg/Kg		08/11/11 13:50	08/12/11 12:16	1

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-11650/2-A
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.852		mg/Kg		102	73 - 121

Lab Sample ID: 240-2718-30 MS
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 11650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.11	U	0.190	0.215		mg/Kg	☼	113	11 - 192

Lab Sample ID: 240-2718-30 MSD
Matrix: Solid
Analysis Batch: 11956

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 11650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.11	U	0.190	0.220		mg/Kg	☼	116	11 - 192	2	20

Lab Sample ID: MB 240-14075/1-A
Matrix: Solid
Analysis Batch: 14241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	U	0.10	0.015	mg/Kg		09/01/11 13:30	09/02/11 13:48	1

Lab Sample ID: LCS 240-14075/2-A
Matrix: Solid
Analysis Batch: 14241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.832		mg/Kg		100	73 - 121

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-11463/3
Matrix: Water
Analysis Batch: 11463

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			08/10/11 09:29	1

Lab Sample ID: LCS 240-11463/4
Matrix: Water
Analysis Batch: 11463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	0.250	0.242		mg/L		97	80 - 118

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 240-11830/33-A
Matrix: Solid
Analysis Batch: 12207

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.80	U	0.80	0.27	mg/Kg		08/12/11 10:49	08/16/11 00:00	1

Lab Sample ID: LCSI 240-11830/10-A
Matrix: Solid
Analysis Batch: 12207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11830

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	643	667		mg/Kg		104	75 - 125

Lab Sample ID: LCSS 240-11830/9-A
Matrix: Solid
Analysis Batch: 12207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11830

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	20.0	21.4		mg/Kg		107	90 - 110

Lab Sample ID: MB 240-12538/9-A
Matrix: Solid
Analysis Batch: 12693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.80	U	0.80	0.27	mg/Kg		08/18/11 15:40	08/19/11 00:00	1

Lab Sample ID: LCSI 240-12538/11-A
Matrix: Solid
Analysis Batch: 12693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12538

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	643	694		mg/Kg		108	75 - 125

Lab Sample ID: LCSS 240-12538/10-A
Matrix: Solid
Analysis Batch: 12693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12538

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	20.0	21.3		mg/Kg		106	90 - 110

Lab Sample ID: MB 240-14079/9-A
Matrix: Solid
Analysis Batch: 14536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14079

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.80	U	0.80	0.27	mg/Kg		09/01/11 12:34	09/02/11 00:00	1

Lab Sample ID: LCSI 240-14079/11-A
Matrix: Solid
Analysis Batch: 14536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14079

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	643	747		mg/Kg		116	75 - 125

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSS 240-14079/10-A
Matrix: Solid
Analysis Batch: 14536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14079

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	% Rec	% Rec. Limits
Cr (VI)	20.0	20.7		mg/Kg		104	90 - 110

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-11700/1-A
Matrix: Solid
Analysis Batch: 11844

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 11700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.50	U	0.50	0.10	mg/Kg		08/11/11 14:49	08/11/11 16:51	1

Lab Sample ID: LCS 240-11700/2-A
Matrix: Solid
Analysis Batch: 11844

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 11700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	44.0	41.3		mg/Kg		94	68 - 123

Lab Sample ID: MB 240-12163/1-A
Matrix: Solid
Analysis Batch: 12239

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12163

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.115	J	0.49	0.098	mg/Kg		08/16/11 11:16	08/16/11 15:38	1

Lab Sample ID: LCS 240-12163/2-A
Matrix: Solid
Analysis Batch: 12239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12163

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	4.40	3.76		mg/Kg		85	68 - 123

Lab Sample ID: 240-2718-30 MS
Matrix: Solid
Analysis Batch: 12239

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 12163

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.60	U	2.34	0.412	J F	mg/Kg	☼	18	50 - 134

Lab Sample ID: 240-2718-30 MSD
Matrix: Solid
Analysis Batch: 12239

Client Sample ID: S-12616-080911-DN-30
Prep Type: Total/NA
Prep Batch: 12163

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.60	U	2.27	0.468	J F	mg/Kg	☼	21	50 - 134	13	20

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 240-12503/1-A
Matrix: Solid
Analysis Batch: 12557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.49	U	0.49	0.097	mg/Kg		08/18/11 12:53	08/18/11 16:52	1

Lab Sample ID: LCS 240-12503/2-A
Matrix: Solid
Analysis Batch: 12557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	4.40	4.34		mg/Kg		99	68 - 123

Lab Sample ID: 240-2718-7 MS
Matrix: Solid
Analysis Batch: 12557

Client Sample ID: S-12616-080811-DN-07
Prep Type: Total/NA
Prep Batch: 12503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.54	U	2.19	2.05		mg/Kg	☼	94	50 - 134

Lab Sample ID: 240-2718-7 MSD
Matrix: Solid
Analysis Batch: 12557

Client Sample ID: S-12616-080811-DN-07
Prep Type: Total/NA
Prep Batch: 12503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.54	U	2.26	2.14		mg/Kg	☼	95	50 - 134	4	20

Lab Sample ID: MB 240-12797/1-A
Matrix: Solid
Analysis Batch: 12866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 12797

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.50	U	0.50	0.10	mg/Kg		08/22/11 10:42	08/22/11 13:03	1

Lab Sample ID: LCS 240-12797/2-A
Matrix: Solid
Analysis Batch: 12866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 12797

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	4.49	4.48		mg/Kg		100	68 - 123

Lab Sample ID: MB 240-14532/1-A
Matrix: Solid
Analysis Batch: 14544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 14532

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.103	J	0.52	0.10	mg/Kg		09/07/11 13:15	09/07/11 15:49	1

Lab Sample ID: LCS 240-14532/2-A
Matrix: Solid
Analysis Batch: 14544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 14532

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	46.3	40.1		mg/Kg		87	68 - 123

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MRL 240-14544/6 MRL
Matrix: Solid
Analysis Batch: 14544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0100	0.00941	J	mg/L		94	70 - 130

GC/MS VOA

Prep Batch: 11562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	5035	
LCS 240-11562/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-11562/1-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 11563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	5035	
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	5035	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	5035	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	5035	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	5035	
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	5035	
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	5035	

Analysis Batch: 11628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	8260B	11563
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	8260B	11562
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	8260B	11563
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	8260B	11563
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	8260B	11563
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	8260B	11563
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	8260B	11563
LCS 240-11562/2-A	Lab Control Sample	Total/NA	Solid	8260B	11562
LCS 240-11628/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-11562/1-A	Method Blank	Total/NA	Solid	8260B	11562
MB 240-11628/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 11842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	8260B	11563
LCS 240-11842/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-11842/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 12726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-32	RB-080911-01	Total/NA	Water	8260B	
LCS 240-12726/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-12726/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 11792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-32	RB-080911-01	Total/NA	Water	3520C	
LCS 240-11792/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-11792/1-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 12187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-32	RB-080911-01	Total/NA	Water	8270C	11792
MB 240-11792/1-A	Method Blank	Total/NA	Water	8270C	11792

GC/MS Semi VOA (Continued)

Analysis Batch: 12451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-11792/2-A	Lab Control Sample	Total/NA	Water	8270C	11792

Prep Batch: 12621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	3540C	
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	3540C	
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	3540C	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	3540C	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	3540C	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	3540C	
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	3540C	
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	3540C	
LCS 240-12621/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-12621/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 12935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	8270C	12621
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	8270C	12621
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	8270C	12621
LCS 240-12621/24-A	Lab Control Sample	Total/NA	Solid	8270C	12621
MB 240-12621/23-A	Method Blank	Total/NA	Solid	8270C	12621

Analysis Batch: 13097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	8270C	12621
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	8270C	12621
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	8270C	12621
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	8270C	12621

Analysis Batch: 13526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	8270C	12621

Metals

Prep Batch: 11589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-31	RB-080811-01	Total Recoverable	Water	3005A	
240-2718-32	RB-080911-01	Total Recoverable	Water	3005A	
LCS 240-11589/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-11541/1-B	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 11619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-31	RB-080811-01	Total/NA	Water	7470A	
240-2718-32	RB-080911-01	Total/NA	Water	7470A	
LCS 240-11619/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-11619/1-A	Method Blank	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 11637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	3050B	
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	3050B	
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	3050B	
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	3050B	
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	3050B	
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	3050B	
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	3050B	
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	3050B	
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	3050B	
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	3050B	
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	3050B	
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	3050B	
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	3050B	
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	3050B	
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	3050B	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	3050B	
240-2718-16 MS	S-12616-080911-DN-16	Total/NA	Solid	3050B	
240-2718-16 MSD	S-12616-080911-DN-16	Total/NA	Solid	3050B	
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	3050B	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	3050B	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	3050B	
LCS 240-11637/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-11637/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 11646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	7471A	
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	7471A	
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	7471A	
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	7471A	
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	7471A	
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	7471A	
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	7471A	
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	7471A	
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	7471A	
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	7471A	
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	7471A	
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	7471A	
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	7471A	
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	7471A	
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	7471A	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	7471A	
240-2718-16 MS	S-12616-080911-DN-16	Total/NA	Solid	7471A	
240-2718-16 MSD	S-12616-080911-DN-16	Total/NA	Solid	7471A	
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	7471A	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	7471A	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	7471A	
LCS 240-11646/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 240-11646/1-A	Method Blank	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 11650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	7471A	
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	7471A	
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	7471A	
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	7471A	
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	7471A	
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	7471A	
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	7471A	
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	7471A	
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	7471A	
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	7471A	
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	7471A	
LCS 240-11650/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 240-11650/1-A	Method Blank	Total/NA	Solid	7471A	

Prep Batch: 11651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	3050B	
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	3050B	
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	3050B	
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	3050B	
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	3050B	
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	3050B	
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	3050B	
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	3050B	
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	3050B	
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	3050B	
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	3050B	
LCS 240-11651/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-11651/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 11939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	6010B	11637
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	6010B	11637
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	6010B	11637
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	6010B	11637
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	6010B	11637
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	6010B	11637
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	6010B	11637
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	6010B	11637
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	6010B	11637
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	6010B	11637
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	6010B	11637
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	6010B	11637
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	6010B	11637
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	6010B	11637
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	6010B	11637
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	6010B	11637
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	6010B	11637
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	6010B	11637
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	6010B	11637
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	6010B	11637

Metals (Continued)

Analysis Batch: 11939 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	6010B	11637
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	6010B	11637
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	6010B	11637
240-2718-16 MS	S-12616-080911-DN-16	Total/NA	Solid	6010B	11637
240-2718-16 MSD	S-12616-080911-DN-16	Total/NA	Solid	6010B	11637
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	6010B	11637
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	6010B	11637
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	6010B	11637
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	6010B	11651
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	6010B	11651
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	6010B	11651
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	6010B	11651
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	6010B	11651
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	6010B	11651
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	6010B	11651
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	6010B	11651
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	6010B	11651
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	6010B	11651
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	6010B	11651
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	6010B	11651
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	6010B	11651
240-2718-31	RB-080811-01	Total Recoverable	Water	6010B	11589
240-2718-32	RB-080911-01	Total Recoverable	Water	6010B	11589
LCS 240-11589/2-A	Lab Control Sample	Total Recoverable	Water	6010B	11589
LCS 240-11637/2-A	Lab Control Sample	Total/NA	Solid	6010B	11637
LCS 240-11651/2-A	Lab Control Sample	Total/NA	Solid	6010B	11651
MB 240-11541/1-B	Method Blank	Total Recoverable	Water	6010B	11589
MB 240-11637/1-A	Method Blank	Total/NA	Solid	6010B	11637
MB 240-11651/1-A	Method Blank	Total/NA	Solid	6010B	11651

Analysis Batch: 11956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	7471A	11646
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	7471A	11646
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	7471A	11646
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	7471A	11646
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	7471A	11646
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	7471A	11646
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	7471A	11646
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	7471A	11646
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	7471A	11646
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	7471A	11646
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	7471A	11646
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	7471A	11646
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	7471A	11646
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	7471A	11646
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	7471A	11646
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	7471A	11646
240-2718-16 MS	S-12616-080911-DN-16	Total/NA	Solid	7471A	11646
240-2718-16 MSD	S-12616-080911-DN-16	Total/NA	Solid	7471A	11646
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	7471A	11646
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	7471A	11646

Metals (Continued)

Analysis Batch: 11956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	7471A	11646
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	7471A	11650
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	7471A	11650
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	7471A	11650
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	7471A	11650
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	7471A	11650
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	7471A	11650
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	7471A	11650
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	7471A	11650
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	7471A	11650
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	7471A	11650
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	7471A	11650
LCS 240-11646/2-A	Lab Control Sample	Total/NA	Solid	7471A	11646
LCS 240-11650/2-A	Lab Control Sample	Total/NA	Solid	7471A	11650
MB 240-11646/1-A	Method Blank	Total/NA	Solid	7471A	11646
MB 240-11650/1-A	Method Blank	Total/NA	Solid	7471A	11650

Analysis Batch: 12061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	6010B	11651

Analysis Batch: 12114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-31	RB-080811-01	Total/NA	Water	7470A	11619
240-2718-32	RB-080911-01	Total/NA	Water	7470A	11619
LCS 240-11619/2-A	Lab Control Sample	Total/NA	Water	7470A	11619
MB 240-11619/1-A	Method Blank	Total/NA	Water	7470A	11619

Prep Batch: 14068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	3050B	
LCS 240-14068/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-14068/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 14075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	7471A	
LCS 240-14075/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 240-14075/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 14241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	7471A	14075
LCS 240-14075/2-A	Lab Control Sample	Total/NA	Solid	7471A	14075
MB 240-14075/1-A	Method Blank	Total/NA	Solid	7471A	14075

Analysis Batch: 14355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	6010B	14068
LCS 240-14068/2-A	Lab Control Sample	Total/NA	Solid	6010B	14068
MB 240-14068/1-A	Method Blank	Total/NA	Solid	6010B	14068

General Chemistry

Analysis Batch: 11463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-31	RB-080811-01	Total/NA	Water	7196A	
240-2718-32	RB-080911-01	Total/NA	Water	7196A	
LCS 240-11463/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-11463/3	Method Blank	Total/NA	Water	7196A	

Analysis Batch: 11610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	Moisture	
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	Moisture	
240-2718-2 DU	S-12616-080811-DN-02	Total/NA	Solid	Moisture	
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	Moisture	
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	Moisture	
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	Moisture	
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	Moisture	
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	Moisture	
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	Moisture	
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	Moisture	
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	Moisture	
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	Moisture	
240-2718-11 DU	S-12616-080811-DN-11	Total/NA	Solid	Moisture	
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	Moisture	
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	Moisture	
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	Moisture	
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	Moisture	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	Moisture	
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	Moisture	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	Moisture	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	Moisture	
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	Moisture	
240-2718-21 DU	S-12616-080911-DN-21	Total/NA	Solid	Moisture	
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	Moisture	
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	Moisture	
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	Moisture	
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	Moisture	
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	Moisture	
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	Moisture	
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	Moisture	
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	Moisture	
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	Moisture	
240-2718-30 DU	S-12616-080911-DN-30	Total/NA	Solid	Moisture	

Prep Batch: 11700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	9012A	
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	9012A	
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	9012A	
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	9012A	
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	9012A	
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	9012A	
LCS 240-11700/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-11700/1-A	Method Blank	Total/NA	Solid	9012A	

General Chemistry (Continued)

Prep Batch: 11830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	3060A	
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	3060A	
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	3060A	
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	3060A	
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	3060A	
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	3060A	
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	3060A	
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	3060A	
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	3060A	
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	3060A	
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	3060A	
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	3060A	
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	3060A	
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	3060A	
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	3060A	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	3060A	
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	3060A	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	3060A	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	3060A	
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	3060A	
LCSI 240-11830/10-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-11830/9-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-11830/33-A	Method Blank	Total/NA	Solid	3060A	

Analysis Batch: 11844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	9012A	11700
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	9012A	11700
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	9012A	11700
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	9012A	11700
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	9012A	11700
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	9012A	11700
LCS 240-11700/2-A	Lab Control Sample	Total/NA	Solid	9012A	11700
MB 240-11700/1-A	Method Blank	Total/NA	Solid	9012A	11700

Prep Batch: 12163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	9012A	
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	9012A	
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	9012A	
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	9012A	
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	9012A	
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	9012A	
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	9012A	
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	9012A	
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	9012A	
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	9012A	
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	9012A	
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	9012A	
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	9012A	
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	9012A	
LCS 240-12163/2-A	Lab Control Sample	Total/NA	Solid	9012A	

General Chemistry (Continued)

Prep Batch: 12163 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-12163/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 12207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-1	S-12616-080811-DN-01	Total/NA	Solid	7196A	11830
240-2718-2	S-12616-080811-DN-02	Total/NA	Solid	7196A	11830
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	7196A	11830
240-2718-4	S-12616-080811-DN-04	Total/NA	Solid	7196A	11830
240-2718-5	S-12616-080811-DN-05	Total/NA	Solid	7196A	11830
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	7196A	11830
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	7196A	11830
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	7196A	11830
240-2718-9	S-12616-080811-DN-09	Total/NA	Solid	7196A	11830
240-2718-10	S-12616-080811-DN-10	Total/NA	Solid	7196A	11830
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	7196A	11830
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	7196A	11830
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	7196A	11830
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	7196A	11830
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	7196A	11830
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	7196A	11830
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	7196A	11830
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	7196A	11830
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	7196A	11830
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	7196A	11830
LCSI 240-11830/10-A	Lab Control Sample	Total/NA	Solid	7196A	11830
LCSS 240-11830/9-A	Lab Control Sample	Total/NA	Solid	7196A	11830
MB 240-11830/33-A	Method Blank	Total/NA	Solid	7196A	11830

Analysis Batch: 12239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-13	S-12616-080811-DN-13	Total/NA	Solid	9012A	12163
240-2718-16	S-12616-080911-DN-16	Total/NA	Solid	9012A	12163
240-2718-19	S-12616-080911-DN-19	Total/NA	Solid	9012A	12163
240-2718-20	S-12616-080911-DN-20	Total/NA	Solid	9012A	12163
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	9012A	12163
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	9012A	12163
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	9012A	12163
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	9012A	12163
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	9012A	12163
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	9012A	12163
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	9012A	12163
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	9012A	12163
240-2718-30 MS	S-12616-080911-DN-30	Total/NA	Solid	9012A	12163
240-2718-30 MSD	S-12616-080911-DN-30	Total/NA	Solid	9012A	12163
LCS 240-12163/2-A	Lab Control Sample	Total/NA	Solid	9012A	12163
MB 240-12163/1-A	Method Blank	Total/NA	Solid	9012A	12163

Prep Batch: 12503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	9012A	
240-2718-7 MS	S-12616-080811-DN-07	Total/NA	Solid	9012A	
240-2718-7 MSD	S-12616-080811-DN-07	Total/NA	Solid	9012A	

General Chemistry (Continued)

Prep Batch: 12503 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	9012A	
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	9012A	
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	9012A	
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	9012A	
LCS 240-12503/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-12503/1-A	Method Blank	Total/NA	Solid	9012A	

Prep Batch: 12538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	3060A	
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	3060A	
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	3060A	
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	3060A	
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	3060A	
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	3060A	
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	3060A	
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	3060A	
LCSI 240-12538/11-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-12538/10-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-12538/9-A	Method Blank	Total/NA	Solid	3060A	

Analysis Batch: 12557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-7	S-12616-080811-DN-07	Total/NA	Solid	9012A	12503
240-2718-7 MS	S-12616-080811-DN-07	Total/NA	Solid	9012A	12503
240-2718-7 MSD	S-12616-080811-DN-07	Total/NA	Solid	9012A	12503
240-2718-14	S-12616-080911-DN-14	Total/NA	Solid	9012A	12503
240-2718-15	S-12616-080911-DN-15	Total/NA	Solid	9012A	12503
240-2718-17	S-12616-080911-DN-17	Total/NA	Solid	9012A	12503
240-2718-21	S-12616-080911-DN-21	Total/NA	Solid	9012A	12503
LCS 240-12503/2-A	Lab Control Sample	Total/NA	Solid	9012A	12503
MB 240-12503/1-A	Method Blank	Total/NA	Solid	9012A	12503

Analysis Batch: 12693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-22	S-12616-080911-DN-22	Total/NA	Solid	7196A	12538
240-2718-23	S-12616-080911-DN-23	Total/NA	Solid	7196A	12538
240-2718-24	S-12616-080911-DN-24	Total/NA	Solid	7196A	12538
240-2718-25	S-12616-080911-DN-25	Total/NA	Solid	7196A	12538
240-2718-26	S-12616-080911-DN-26	Total/NA	Solid	7196A	12538
240-2718-28	S-12616-080911-DN-28	Total/NA	Solid	7196A	12538
240-2718-29	S-12616-080911-DN-29	Total/NA	Solid	7196A	12538
240-2718-30	S-12616-080911-DN-30	Total/NA	Solid	7196A	12538
LCSI 240-12538/11-A	Lab Control Sample	Total/NA	Solid	7196A	12538
LCSS 240-12538/10-A	Lab Control Sample	Total/NA	Solid	7196A	12538
MB 240-12538/9-A	Method Blank	Total/NA	Solid	7196A	12538

Prep Batch: 12797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	9012A	
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	9012A	
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	9012A	

General Chemistry (Continued)

Prep Batch: 12797 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	9012A	
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	9012A	
LCS 240-12797/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-12797/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 12866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-3	S-12616-080811-DN-03	Total/NA	Solid	9012A	12797
240-2718-6	S-12616-080811-DN-06	Total/NA	Solid	9012A	12797
240-2718-8	S-12616-080811-DN-08	Total/NA	Solid	9012A	12797
240-2718-11	S-12616-080811-DN-11	Total/NA	Solid	9012A	12797
240-2718-12	S-12616-080811-DN-12	Total/NA	Solid	9012A	12797
LCS 240-12797/2-A	Lab Control Sample	Total/NA	Solid	9012A	12797
MB 240-12797/1-A	Method Blank	Total/NA	Solid	9012A	12797

Prep Batch: 14079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	3060A	
LCSI 240-14079/11-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-14079/10-A	Lab Control Sample	Total/NA	Solid	3060A	
MB 240-14079/9-A	Method Blank	Total/NA	Solid	3060A	

Prep Batch: 14532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	9012A	
LCS 240-14532/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-14532/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 14536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	7196A	14079
LCSI 240-14079/11-A	Lab Control Sample	Total/NA	Solid	7196A	14079
LCSS 240-14079/10-A	Lab Control Sample	Total/NA	Solid	7196A	14079
MB 240-14079/9-A	Method Blank	Total/NA	Solid	7196A	14079

Analysis Batch: 14544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2718-27	S-12616-080911-DN-27	Total/NA	Solid	9012A	14532
LCS 240-14532/2-A	Lab Control Sample	Total/NA	Solid	9012A	14532
MB 240-14532/1-A	Method Blank	Total/NA	Solid	9012A	14532
MRL 240-14544/6 MRL	Lab Control Sample	Total/NA	Solid	9012A	

Client Sample ID: S-12616-080811-DN-01

Lab Sample ID: 240-2718-1

Date Collected: 08/08/11 11:50

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:44	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 18:50	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		1	12935	08/23/11 19:50	TH	TAL NC
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		5	11939	08/12/11 21:57	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:13	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:58	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	9012A			11700	08/11/11 14:49	AM	TAL NC
Total/NA	Analysis	9012A		1	11844	08/11/11 16:45	AM	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 10:52	LG	TAL NC

Client Sample ID: S-12616-080811-DN-02

Lab Sample ID: 240-2718-2

Date Collected: 08/08/11 12:20

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 10:55	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:54	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	9012A			11700	08/11/11 14:49	AM	TAL NC
Total/NA	Analysis	9012A		1	11844	08/11/11 16:45	AM	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 11:01	LG	TAL NC

Client Sample ID: S-12616-080811-DN-03

Lab Sample ID: 240-2718-3

Date Collected: 08/08/11 12:55

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 73.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		50	11939	08/12/11 22:09	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:02	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:06	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:19	LG	TAL NC
Total/NA	Prep	9012A			12797	08/22/11 10:42	KH	TAL NC

Client Sample ID: S-12616-080811-DN-03

Lab Sample ID: 240-2718-3

Date Collected: 08/08/11 12:55
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 73.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	9012A		1	12866	08/22/11 13:03	KH	TAL NC

Client Sample ID: S-12616-080811-DN-04

Lab Sample ID: 240-2718-4

Date Collected: 08/08/11 13:20
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:44	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:05	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	9012A			11700	08/11/11 14:49	AM	TAL NC
Total/NA	Analysis	9012A		1	11844	08/11/11 16:45	AM	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 11:15	LG	TAL NC

Client Sample ID: S-12616-080811-DN-05

Lab Sample ID: 240-2718-5

Date Collected: 08/08/11 14:10
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11562	08/10/11 18:40	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 22:11	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		10	13097	08/24/11 16:12	TH	TAL NC
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:07	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:57	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	9012A			11700	08/11/11 14:49	AM	TAL NC
Total/NA	Analysis	9012A		1	11844	08/11/11 16:45	AM	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:20	LG	TAL NC

Client Sample ID: S-12616-080811-DN-06

Lab Sample ID: 240-2718-6

Date Collected: 08/08/11 14:55
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		5	11939	08/12/11 22:15	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:08	KC	TAL NC

Client Sample ID: S-12616-080811-DN-06

Lab Sample ID: 240-2718-6

Date Collected: 08/08/11 14:55
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:10	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:21	LG	TAL NC
Total/NA	Prep	9012A			12797	08/22/11 10:42	KH	TAL NC
Total/NA	Analysis	9012A		1	12866	08/22/11 13:21	KH	TAL NC

Client Sample ID: S-12616-080811-DN-07

Lab Sample ID: 240-2718-7

Date Collected: 08/08/11 15:40
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:26	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:14	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:31	LG	TAL NC
Total/NA	Prep	9012A			12503	08/18/11 12:53	AM	TAL NC
Total/NA	Analysis	9012A		1	12557	08/18/11 16:52	BR	TAL NC

Client Sample ID: S-12616-080811-DN-08

Lab Sample ID: 240-2718-8

Date Collected: 08/08/11 16:00
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		5	11939	08/12/11 22:21	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:32	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:15	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:32	LG	TAL NC
Total/NA	Prep	9012A			12797	08/22/11 10:42	KH	TAL NC
Total/NA	Analysis	9012A		1	12866	08/22/11 13:21	KH	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080811-DN-09

Lab Sample ID: 240-2718-9

Date Collected: 08/08/11 16:45
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:14	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:11	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	9012A			11700	08/11/11 14:49	AM	TAL NC
Total/NA	Analysis	9012A		1	11844	08/11/11 16:45	AM	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:33	LG	TAL NC

Client Sample ID: S-12616-080811-DN-10

Lab Sample ID: 240-2718-10

Date Collected: 08/08/11 17:00
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:25	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:01	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:10	CN	TAL NC
Total/NA	Prep	9012A			11700	08/11/11 14:49	AM	TAL NC
Total/NA	Analysis	9012A		1	11844	08/11/11 16:45	AM	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 12:33	LG	TAL NC

Client Sample ID: S-12616-080811-DN-11

Lab Sample ID: 240-2718-11

Date Collected: 08/08/11 18:05
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		20	11939	08/12/11 22:03	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:31	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:02	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:36	LG	TAL NC
Total/NA	Prep	9012A			12797	08/22/11 10:42	KH	TAL NC
Total/NA	Analysis	9012A		1	12866	08/22/11 13:21	KH	TAL NC

Client Sample ID: S-12616-080811-DN-12

Lab Sample ID: 240-2718-12

Date Collected: 08/08/11 18:20

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		5	11939	08/12/11 21:32	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 10:24	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:48	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:37	LG	TAL NC
Total/NA	Prep	9012A			12797	08/22/11 10:42	KH	TAL NC
Total/NA	Analysis	9012A		1	12866	08/22/11 15:09	KH	TAL NC

Client Sample ID: S-12616-080811-DN-13

Lab Sample ID: 240-2718-13

Date Collected: 08/08/11 18:35

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:51	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 19:11	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		10	13097	08/24/11 21:47	TH	TAL NC
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		5	11939	08/12/11 21:50	KC	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 10:31	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:49	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 12:45	LG	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 16:50	AM	TAL NC

Client Sample ID: S-12616-080911-DN-14

Lab Sample ID: 240-2718-14

Date Collected: 08/09/11 08:55

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:20	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:13	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 12:47	LG	TAL NC
Total/NA	Prep	9012A			12503	08/18/11 12:53	AM	TAL NC

Client Sample ID: S-12616-080911-DN-14

Lab Sample ID: 240-2718-14

Date Collected: 08/09/11 08:55

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	9012A		1	12557	08/18/11 16:52	BR	TAL NC

Client Sample ID: S-12616-080911-DN-15

Lab Sample ID: 240-2718-15

Date Collected: 08/09/11 09:05

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 10:49	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:51	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 12:57	LG	TAL NC
Total/NA	Prep	9012A			12503	08/18/11 12:53	AM	TAL NC
Total/NA	Analysis	9012A		1	12557	08/18/11 16:52	BR	TAL NC

Client Sample ID: S-12616-080911-DN-16

Lab Sample ID: 240-2718-16

Date Collected: 08/09/11 09:15

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:44	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 19:32	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		2	13097	08/24/11 15:55	TH	TAL NC
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 09:49	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:44	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:42	LG	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC

Client Sample ID: S-12616-080911-DN-17

Lab Sample ID: 240-2718-17

Date Collected: 08/09/11 09:25

Matrix: Solid

Date Received: 08/10/11 13:59

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:38	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC

Client Sample ID: S-12616-080911-DN-17

Lab Sample ID: 240-2718-17

Date Collected: 08/09/11 09:25
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	7471A		1	11956	08/12/11 12:03	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:03	LG	TAL NC
Total/NA	Prep	9012A			12503	08/18/11 12:53	AM	TAL NC
Total/NA	Analysis	9012A		1	12557	08/18/11 16:52	BR	TAL NC

Client Sample ID: S-12616-080911-DN-19

Lab Sample ID: 240-2718-19

Date Collected: 08/09/11 10:25
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:44	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 19:54	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		1	13526	08/29/11 12:13	TH	TAL NC
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:01	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 11:56	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:05	LG	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC

Client Sample ID: S-12616-080911-DN-20

Lab Sample ID: 240-2718-20

Date Collected: 08/09/11 11:40
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 75.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:44	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 20:15	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		1	12935	08/23/11 20:40	TH	TAL NC
Total/NA	Prep	3050B			11637	08/11/11 11:10	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 11:19	KC	TAL NC
Total/NA	Prep	7471A			11646	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:00	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:43	LG	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC

Client Sample ID: S-12616-080911-DN-21

Lab Sample ID: 240-2718-21

Date Collected: 08/09/11 11:50
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 14:06	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:33	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			11830	08/12/11 10:49	LG	TAL NC
Total/NA	Analysis	7196A		1	12207	08/16/11 13:11	LG	TAL NC
Total/NA	Prep	9012A			12503	08/18/11 12:53	AM	TAL NC
Total/NA	Analysis	9012A		1	12557	08/18/11 16:36	BR	TAL NC

Client Sample ID: S-12616-080911-DN-22

Lab Sample ID: 240-2718-22

Date Collected: 08/09/11 12:00
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:44	LM	TAL NC
Total/NA	Analysis	8260B		1	11628	08/11/11 20:37	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		1	12935	08/23/11 20:57	TH	TAL NC
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 13:54	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:31	BD	TAL NC
Total/NA	Analysis	6010B		5	12061	08/15/11 09:40	KC	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 16:50	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:26	JM	TAL NC

Client Sample ID: S-12616-080911-DN-23

Lab Sample ID: 240-2718-23

Date Collected: 08/09/11 12:10
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 80.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 14:12	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:34	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:10	JM	TAL NC

Client Sample ID: S-12616-080911-DN-24

Lab Sample ID: 240-2718-24

Date Collected: 08/09/11 12:30
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 13:36	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:27	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:12	JM	TAL NC

Client Sample ID: S-12616-080911-DN-25

Lab Sample ID: 240-2718-25

Date Collected: 08/09/11 13:00
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 13:48	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:29	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:13	JM	TAL NC

Client Sample ID: S-12616-080911-DN-26

Lab Sample ID: 240-2718-26

Date Collected: 08/09/11 13:10
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 13:42	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:28	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:16	JM	TAL NC

Client Sample ID: S-12616-080911-DN-27

Lab Sample ID: 240-2718-27

Date Collected: 08/09/11 14:50
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 45.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11563	08/10/11 18:44	LM	TAL NC
Total/NA	Analysis	8260B		1	11842	08/12/11 18:21	SM	TAL NC
Total/NA	Prep	3540C			12621	08/19/11 09:58	AK	TAL NC
Total/NA	Analysis	8270C		10	13097	08/24/11 22:21	TH	TAL NC
Total/NA	Prep	7471A			14075	09/01/11 13:30	DE	TAL NC
Total/NA	Analysis	7471A		1	14241	09/02/11 13:58	AS	TAL NC
Total/NA	Prep	3050B			14068	09/01/11 11:23	DE	TAL NC
Total/NA	Analysis	6010B		5	14355	09/02/11 13:52	KC	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	3060A			14079	09/01/11 12:34	CN	TAL NC
Total/NA	Analysis	7196A		1	14536	09/02/11 13:25	LG	TAL NC
Total/NA	Prep	9012A			14532	09/07/11 13:15	BW	TAL NC
Total/NA	Analysis	9012A		10	14544	09/07/11 16:03	BW	TAL NC

Client Sample ID: S-12616-080911-DN-28

Lab Sample ID: 240-2718-28

Date Collected: 08/09/11 15:10
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 62.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 13:30	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:25	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 16:50	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:17	JM	TAL NC

Client Sample ID: S-12616-080911-DN-29

Lab Sample ID: 240-2718-29

Date Collected: 08/09/11 15:25
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 14:00	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:32	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 15:43	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:40	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:20	JM	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Client Sample ID: S-12616-080911-DN-30

Lab Sample ID: 240-2718-30

Date Collected: 08/09/11 15:35
Matrix: Solid
Date Received: 08/10/11 13:59
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			11651	08/11/11 12:12	DE	TAL NC
Total/NA	Analysis	6010B		1	11939	08/12/11 12:51	KC	TAL NC
Total/NA	Prep	7471A			11650	08/11/11 13:50	DE	TAL NC
Total/NA	Analysis	7471A		1	11956	08/12/11 12:19	BD	TAL NC
Total/NA	Analysis	Moisture		1	11610	08/11/11 09:30	CN	TAL NC
Total/NA	Prep	9012A			12163	08/16/11 11:16	AM	TAL NC
Total/NA	Analysis	9012A		1	12239	08/16/11 16:05	AM	TAL NC
Total/NA	Prep	3060A			12538	08/18/11 15:41	JM	TAL NC
Total/NA	Analysis	7196A		1	12693	08/19/11 15:23	JM	TAL NC

Client Sample ID: RB-080811-01

Lab Sample ID: 240-2718-31

Date Collected: 08/08/11 18:45
Matrix: Water
Date Received: 08/10/11 13:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			11589	08/11/11 08:24	LM	TAL NC
Total Recoverable	Analysis	6010B		1	11939	08/12/11 17:52	KC	TAL NC
Total/NA	Prep	7470A			11619	08/11/11 14:25	LM	TAL NC
Total/NA	Analysis	7470A		1	12114	08/15/11 14:16	BD	TAL NC
Total/NA	Analysis	7196A		1	11463	08/10/11 14:06	BR	TAL NC

Client Sample ID: RB-080911-01

Lab Sample ID: 240-2718-32

Date Collected: 08/09/11 18:15
Matrix: Water
Date Received: 08/10/11 13:59

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	12726	08/20/11 13:24	LW	TAL NC
Total/NA	Prep	3520C			11792	08/12/11 11:02	EM	TAL NC
Total/NA	Analysis	8270C		1	12187	08/16/11 23:25	TH	TAL NC
Total Recoverable	Prep	3005A			11589	08/11/11 08:24	LM	TAL NC
Total Recoverable	Analysis	6010B		1	11939	08/12/11 18:10	KC	TAL NC
Total/NA	Prep	7470A			11619	08/11/11 14:25	LM	TAL NC
Total/NA	Analysis	7470A		1	12114	08/15/11 14:18	BD	TAL NC
Total/NA	Analysis	7196A		1	11463	08/10/11 14:06	BR	TAL NC

Laboratory References:
TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-2718-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

August 26, 2011

TestAmerica Project Number: G1H110500
PO/Contract: 240-2718

Denise Heckler
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720

Dear Ms. Heckler,

This report contains the analytical results for the sample received under chain of custody by TestAmerica on August 11, 2011. This sample is associated with your 240-2718 project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

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TestAmerica West Sacramento Project Number G1H110500

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- Method Blank Report
- Laboratory QC Reports

SOLID, D 2216-90, Percent Moisture
Sample: 1
- Sample Data Sheet
- Laboratory QC Reports

Case Narrative

TestAmerica West Sacramento Project Number G1H110500

SOLID, 8290, Dioxins/Furans
Sample: 1
Some analytes for this sample & the method blank have been qualified with a "Q" flag since their ion abundance ratios did not meet acceptance criteria. These analytes have been reported as "estimated maximum possible concentrations" (EMPCs) since their quantitation was based on theoretical ion abundance ratios.

There are no other anomalies associated with this project.

TestAmerica Laboratories West Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
A2LA (DoD-ELAP)	2928-01	New Mexico	NA
Alaska	UST-055	New York*	11666
Arizona	AZ0708	Oregon*	CA 200005
Arkansas	88-0691	Pennsylvania*	68-1272
California*	01119CA	South Carolina	87014
Colorado	NA	Texas*	T104704399-08-TX
Connecticut	PH-0691	UCMR	CA00044
Florida*	E87570	US Fish & Wildlife	LE148388-0
Georgia	960	USDA Foreign Plant	37-82605
Guam	10-009r	USDA Foreign Soil	P330-09-00055
Hawaii	NA	Utah*	QUAN1
Illinois*	002701	Virginia	178
Kansas*	E-10375	Washington	C581
Louisiana*	01944	West Virginia	9930C, 334
Michigan	9947	Wisconsin	998204680
Nevada	CA44	Wyoming	8TMS-Q
New Jersey*	CA005		

*NELAP accredited. A more detailed parameter list is available upon request. *Updated 5/25/2011*

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary

TestAmerica West Sacramento Project Number G1H110500

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
MLKR4	1	S-12616-080911-DN-18	8/9/2011 10:15 AM	8/11/2011 08:55 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G1H110500

TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-1373.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: denise.heckler@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		**Analysis Requested**		Job #: 240-2718-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 8/26/2011			**Preservation Codes:** A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel)	PO #:			Other:
Email:	WO #:			
Project Name: 12616, Racer Elyria	Project #: 24005709			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ 8290, Dioxin-West Sac	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
S-12616-080911-DN-18 (240-2718-18)	8/9/11	10:15 Eastern		Solid			X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 8/10/11 1850	Company: TAL-NC	Received by:	Date/Time: 8/11/11 1010	Company: TAL W.Sac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

LOT RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT TAL N. Carlson PM KD LOG # 72185

LOT# (QUANTIMS ID) G1H110500 QUOTE# 89260 LOCATION W23B

Checked (✓)

DATE RECEIVED 8/11/11 TIME RECEIVED 855 ☑

DELIVERED BY ☑ FEDEX ☐ ON TRAC ☐ OTHER

☐ GOLDENSTATE ☐ UPS ☐ EZ PARCEL

☐ TAL COURIER ☐ TAL SF ☐ CLIENT ☑

SHIPPPING CONTAINER(S) ☐ TAL ☐ CLIENT ☐ N/A ☑

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A ☑

CUSTODY SEAL #(S) nA

COC #(S) ~~nA~~ 240-1373.1 ☑

TEMPERATURE BLANK Observed: nA Corrected: nA

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed: 4 Average 4 Corrected Average 4

LABORATORY THERMOMETER ID:

IR UNIT: #4 ☑ #5 ☐ ☐ OTHER ☑

JS 8/11/11
Initials Date

==========

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A ☑

LABELED BY..... ☑

LABELS CHECKED BY..... ☑

PEER REVIEW ☐ N/A

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING ☑

WETCHEM ☐ N/A ☑

VOA-ENCORES ☑ N/A ☑

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A ☑

☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A ☑

☐ CLOUSEAU ☐ TEMPERATURE EXCEEDED (2 °C – 6 °C)*1 ☑ N/A

☑ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED ☑ PM NOTIFIED

JS 8/11/11
Initials Date

Notes

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Bottle Lot Inventory

Lot ID: G1H110500

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
AGB																				
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ	\																			
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 5/05 EM

Page 3

FedEx
RT 362 1 A
7233
08.11
FZ
DATE: 10AUG11
WGT: 9.2 LB
507102/CAFE2506
44720
BILL RECIPIENT
ENTAL SAMPLE RECEIPT
WEST SACRAMENTO LAB
PARKWAY
95605
2696
FedEx
Expres
THU - 11 AUG A1
TRK# 0201 9764 4677 7233
PRIORITY OVERNIGHT
XH BLUA
95605
CA-US SMF

SOLID, 8290, Dioxins/Furans

TestAmerica North Canton

Sample ID: S-12616-080911-DN-18

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G1H110500 - 001	**Work Order #....:**	MLKR41AC	**Matrix....:**	SO
Date Sampled....:	08/09/11	**Date Received....:**	08/11/11	**Dilution Factor:**	0.94
Prep Date....:	08/16/11	**Analysis Date....:**	08/19/11	**Percent Moisture:**	21
Prep Batch # ....:	1228065	**Instrument ID....:**	4D5		
Initial Wgt/Vol :	10.55 g	**Analyst ID....:**	Grandfield S. Virginia		

PARAMETER	RESULT		REPORTING LIMIT	ESTIMATED DETECTION LIMIT	UNITS
2,3,7,8-TCDD	**0.39**	**J Q**	**1.2**	**0.068**	**pg/g**
Total TCDD	**1.9**		**1.2**	**0.068**	**pg/g**
1,2,3,7,8-PeCDD	ND		6.0	0.23	pg/g
Total PeCDD	**1.3**		**6.0**	**0.23**	**pg/g**
1,2,3,4,7,8-HxCDD	ND		6.0	0.12	pg/g
1,2,3,6,7,8-HxCDD	**0.49**	**J Q**	**6.0**	**0.10**	**pg/g**
1,2,3,7,8,9-HxCDD	**0.37**	**J**	**6.0**	**0.10**	**pg/g**
Total HxCDD	**4.9**		**6.0**	**0.11**	**pg/g**
1,2,3,4,6,7,8-HpCDD	**11**	**B**	**6.0**	**0.28**	**pg/g**
Total HpCDD	**21**		**6.0**	**0.28**	**pg/g**
OCDD	**75**	**B**	**12**	**0.33**	**pg/g**
2,3,7,8-TCDF	**1.0**	**J**	**1.2**	**0.062**	**pg/g**
Total TCDF	**3.8**		**1.2**	**0.062**	**pg/g**
1,2,3,7,8-PeCDF	**1.2**	**J B**	**6.0**	**0.087**	**pg/g**
2,3,4,7,8-PeCDF	**0.99**	**J**	**6.0**	**0.096**	**pg/g**
Total PeCDF	**9.5**		**6.0**	**0.092**	**pg/g**
1,2,3,4,7,8-HxCDF	**4.5**	**J B**	**6.0**	**0.14**	**pg/g**
1,2,3,6,7,8-HxCDF	**1.4**	**J B**	**6.0**	**0.13**	**pg/g**
2,3,4,6,7,8-HxCDF	**1.1**	**J Q**	**6.0**	**0.13**	**pg/g**
1,2,3,7,8,9-HxCDF	**0.17**	**J Q B**	**6.0**	**0.15**	**pg/g**
Total HxCDF	**20**		**6.0**	**0.14**	**pg/g**
1,2,3,4,6,7,8-HpCDF	**24**	**B**	**6.0**	**0.33**	**pg/g**
1,2,3,4,7,8,9-HpCDF	**5.0**	**J B**	**6.0**	**0.38**	**pg/g**
Total HpCDF	**45**		**6.0**	**0.35**	**pg/g**
OCDF	**45**	**B**	**12**	**0.15**	**pg/g**

TestAmerica North Canton

Sample ID: S-12616-080911-DN-18

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G1H110500 - 001	**Work Order #....:**	MLKR41AC	**Matrix....:**	SO
Date Sampled....:	08/09/11	**Date Received....:**	08/11/11	**Dilution Factor:**	0.94
Prep Date....:	08/16/11	**Analysis Date....:**	08/19/11	**Percent Moisture:**	21
Prep Batch # ....:	1228065	**Instrument ID....:**	4D5		
Initial Wgt/Vol :	10.55 g	**Analyst ID....:**	Grandfield S. Virginia		

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	61	40 - 135
13C-1,2,3,7,8-PeCDD	56	40 - 135
13C-1,2,3,6,7,8-HxCDD	63	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	56	40 - 135
13C-OCDD	56	40 - 135
13C-2,3,7,8-TCDF	62	40 - 135
13C-1,2,3,7,8-PeCDF	57	40 - 135
13C-1,2,3,4,7,8-HxCDF	54	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	55	40 - 135

QUALIFIERS

Results and reporting limits have been adjusted for dry weight

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated Result.

Q Estimated maximum possible concentration (EMPC).

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QC DATA ASSOCIATION SUMMARY

G1H110500

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SOLID	SW846 8290		1228065	
	SOLID	ASTM D 2216-90		1231174	1231115

Method Blank Report

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G1H160000 - 065B	**Work Order #....:**	MLN6L1AA	**Matrix....:**	SOLID
Date Sampled....:	08/09/11	**Date Received....:**	08/11/11	**Dilution Factor:**	1
Prep Date....:	08/16/11	**Analysis Date....:**	08/18/11	**Percent Moisture:**	0.0
Prep Batch # ....:	1228065	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	10 g	**Analyst ID....:**	Grandfield S. Virginia		

PARAMETER	RESULT		REPORTING LIMIT	ESTIMATED DETECTION LIMIT	UNITS
2,3,7,8-TCDD	ND		1.0	0.12	pg/g
Total TCDD	ND		1.0	0.12	pg/g
1,2,3,7,8-PeCDD	ND		5.0	0.17	pg/g
Total PeCDD	ND		5.0	0.17	pg/g
1,2,3,4,7,8-HxCDD	ND		5.0	0.15	pg/g
1,2,3,6,7,8-HxCDD	ND		5.0	0.11	pg/g
1,2,3,7,8,9-HxCDD	ND		5.0	0.12	pg/g
Total HxCDD	ND		5.0	0.15	pg/g
1,2,3,4,6,7,8-HpCDD	**0.14**	**J Q**	**5.0**	**0.13**	**pg/g**
Total HpCDD	**0.33**		**5.0**	**0.13**	**pg/g**
OCDD	**1.1**	**J**	**10**	**0.12**	**pg/g**
2,3,7,8-TCDF	ND		1.0	0.087	pg/g
Total TCDF	ND		1.0	0.087	pg/g
1,2,3,7,8-PeCDF	**0.34**	**J Q**	**5.0**	**0.13**	**pg/g**
2,3,4,7,8-PeCDF	ND		5.0	0.13	pg/g
Total PeCDF	**0.34**		**5.0**	**0.13**	**pg/g**
1,2,3,4,7,8-HxCDF	**0.62**	**J**	**5.0**	**0.072**	**pg/g**
1,2,3,6,7,8-HxCDF	**0.081**	**J Q**	**5.0**	**0.058**	**pg/g**
2,3,4,6,7,8-HxCDF	ND		5.0	0.066	pg/g
1,2,3,7,8,9-HxCDF	**0.11**	**J Q**	**5.0**	**0.080**	**pg/g**
Total HxCDF	**1.3**		**5.0**	**0.068**	**pg/g**
1,2,3,4,6,7,8-HpCDF	**0.27**	**J**	**5.0**	**0.054**	**pg/g**
1,2,3,4,7,8,9-HpCDF	**0.49**	**J**	**5.0**	**0.065**	**pg/g**
Total HpCDF	**1.1**		**5.0**	**0.059**	**pg/g**
OCDF	**0.45**	**J Q**	**10**	**0.11**	**pg/g**

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Method Blank Report

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G1H160000 - 065B	**Work Order #....:**	MLN6L1AA	**Matrix....:**	SOLID
Date Sampled....:	08/09/11	**Date Received....:**	08/11/11	**Dilution Factor:**	1
Prep Date....:	08/16/11	**Analysis Date....:**	08/18/11	**Percent Moisture:**	0.0
Prep Batch # ....:	1228065	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	10 g	**Analyst ID....:**	Grandfield S. Virginia		

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	63	40 - 135
13C-1,2,3,7,8-PeCDD	67	40 - 135
13C-1,2,3,6,7,8-HxCDD	61	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	64	40 - 135
13C-OCDD	65	40 - 135
13C-2,3,7,8-TCDF	64	40 - 135
13C-1,2,3,7,8-PeCDF	63	40 - 135
13C-1,2,3,4,7,8-HxCDF	61	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	60	40 - 135

QUALIFIERS

Results and reporting limits have been adjusted for dry weight

J Estimated Result.

Q Estimated maximum possible concentration (EMPC)

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	G1H110500	**Work Order # ...:**	MLN6L1AC-LCS	**Matrix .....:**	SOLID
LCS Lot-Sample# :	G1H160000 - 065				
Prep Date .....:	08/16/11	**Analysis Date ..:**	08/18/11		
Prep Batch # ...:	1228065				
Dilution Factor :	1				
Analyst ID.....:	Grandfield S. Virginia	**Instrument ID..:**	3D5	**Method.....:**	SW846 8290
Initial Wgt/Vol:	10 g				

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RECOVERY LIMITS
2,3,7,8-TCDD	**20.0**	**20.6**	**pg/g**	**103**	**(60 - 138)**
1,2,3,7,8-PeCDD	**100**	**106**	**pg/g**	**106**	**(70 - 122)**
1,2,3,4,7,8-HxCDD	**100**	**107**	**pg/g**	**107**	**(60 - 138)**
1,2,3,6,7,8-HxCDD	**100**	**110**	**pg/g**	**110**	**(68 - 136)**
1,2,3,7,8,9-HxCDD	**100**	**132**	**pg/g**	**132**	**(68 - 138)**
1,2,3,4,6,7,8-HpCDD	**100**	**105**	**pg/g**	**105**	**(71 - 128)**
OCDD	**200**	**210**	**pg/g**	**105**	**(70 - 128)**
2,3,7,8-TCDF	**20.0**	**19.7**	**pg/g**	**98**	**(56 - 158)**
1,2,3,7,8-PeCDF	**100**	**99.7**	**pg/g**	**100**	**(69 - 134)**
2,3,4,7,8-PeCDF	**100**	**95.9**	**pg/g**	**96**	**(70 - 131)**
1,2,3,4,7,8-HxCDF	**100**	**98.9**	**pg/g**	**99**	**(74 - 128)**
1,2,3,6,7,8-HxCDF	**100**	**98.5**	**pg/g**	**98**	**(67 - 140)**
2,3,4,6,7,8-HxCDF	**100**	**118**	**pg/g**	**118**	**(71 - 137)**
1,2,3,7,8,9-HxCDF	**100**	**129**	**pg/g**	**129**	**(72 - 134)**
1,2,3,4,6,7,8-HpCDF	**100**	**105**	**pg/g**	**105**	**(71 - 134)**
1,2,3,4,7,8,9-HpCDF	**100**	**116**	**pg/g**	**116**	**(68 - 129)**
OCDF	**200**	**193**	**pg/g**	**97**	**(63 - 141)**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	67	(40 - 135)
13C-1,2,3,7,8-PeCDD	75	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	56	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	69	(40 - 135)
13C-OCDD	74	(40 - 135)
13C-2,3,7,8-TCDF	67	(40 - 135)
13C-1,2,3,7,8-PeCDF	67	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	54	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	57	(40 - 135)

Notes:

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SOLID, D 2216-90, Percent Moisture

TestAmerica North Canton

Client Sample ID: S-12616-080911-DN-18

General Chemistry

Lot-Sample #...: G1H110500-001 Work Order #...: MLKR4 Matrix.....: SO
Date Sampled...: 08/09/11 Date Received..: 08/11/11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	20.9	0.10	%	ASTM D 2216-90	08/20-08/21/11	1231174

QC DATA ASSOCIATION SUMMARY

G1H110500

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 8290		1228065	
	SO	ASTM D 2216-90		1231174	1231115

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: G1H110500 **Work Order #...:** MLFQ5-SMP MLFQ5-DUP **Matrix.....:** SOLID

Date Sampled...: 08/04/11 **Date Received..:** 08/05/11

% Moisture.....: 29

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: G1H050509-001		
	28.6	26.4	%	8.3	(0-20)	ASTM D 2216-90	08/20-08/21/11	1231174

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LAVINE	Site Contact: D. NEWTON	Lab Contact: D. Heckler	COC No: 015481
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	1 of 4 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: ELYRIA LANDFILL	Method of Shipment/Carrier:			Job/SDG No:
Project Number: 12616-TO2	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TAL VOC TCL SVOC	TAL Metals, Crtt	Sample Specific Notes / Special Instructions:
S-12616-080811-DN-01	8.8.11	1150				X										G	X	X	
02		1220				X										G		X	
03		1255				X										G		X	
04		1320				X										G		X	
05		1410				X										G	X	X	
06		1455				X										G		X	
07		1540				X										G		X	
08		1605				X										G		X	
09		1645				X										G		X	
10		1700				X										G		X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: SSOW # 12616_20110801

Relinquished by: Don Newton	Company: CRA	Date/Time: 8.9.11/2000	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL	Date/Time: 8/10/11 910

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TAL 0018-1 (04/10)

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Hockler	COC No: 015480
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	2 of 4 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		☐ Walk-in client ☐ Lab pickup ☐ Lab sampling
Project Name: Elyria Landfill	Method of Shipment/Carrier:			Job/SDG No:
Project Number: 12616-T02	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite C / Grab G	TCL VOC, TCL SVOC	TAL Metals, Cr ⁶⁺	Dioxin	Sample Specific Notes / Special Instructions:
S-12616-080811-DN-11	8.8.11	1805				X											X	X		
12		1820				X											X	X		
13		1835				X											X	X		
S-12616-080911-DN-14	8.9.11	0855				X											X	X		
15		0905				X											X	X		
16		0915				X											X	X		
17		0925				X											X	X		
18		1015				X											X	X	X	
19		1025				X											X	X		
20		1140				X											X	X		

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: SSOW # 12616_20110801

Relinquished by: Don Newton	Company: CRA	Date/Time: 8-9-11 / 2000	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL	Date/Time: 8/10/11 910

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TAL 0018-1 (04/10)

09/09/2011

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: CRA	A. Labine	D. Newton	D. Heckler	015479
Address: 1905 E. Perkins	Telephone:	Telephone:	Telephone:	3 of 4 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below ____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: ELYRIA LANDFILL	Method of Shipment/Carrier:			Job/SDG No:
Project Number: 12616-TO2	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TCL VOC TCL SVOC	TAL Metals, Cr+6	Sample Specific Notes / Special Instructions:
S-12616-080911-DN-21	8-9-11	1150				X										C	X	X	
22		1200				X										C	X	X	
23		1210				X										C		X	
24		1230				X										C		X	
25		1300				X										C		X	
26		1310				X										C		X	
27		1450				X										C	X	X	
28		1510				X										C		X	
29		1525				X										C		X	
30		1535				X										C		X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements & Comments: SSOW # 12616_20110801

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	8-9-11/2000			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TAL	8/10/11 910

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TAL 0018-1 (04/10)

09/09/2011

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Hecklar	COC No: 015478
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	4 of 4 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below _____ ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: ELYRIA LANDFILL	Method of Shipment/Carrier:			Job/SDG No.
Project Number: 12616-TO2	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Metals, Cr+6	VOC, SVOC	Sample Specific Notes / Special Instructions:
S-12616-080911-DN-30 MS	8-9-11 MSD	1550				X											X		
RB-080811-01	08-8-11	1845		X													X	X DN	
RB-080911-01	08-9-11	1815		X													X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

SSOW # 12616_20110801

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	8-9-11 / 2000			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TAL	8/10/11 910

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TAL 0018- 1 (04/10)

09/09/2011

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project _____ By: _____ (Signature)
Cooler Received on 8/10/11 Opened on 8/10/11
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity_____ Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☑
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☑ BACK
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☑ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☐ No ☑ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-($CH_3COO)_2ZN$/*NaOH*. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
08	L2	8-11-11	CSL
09	L2	"	"

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-2718-1

Login Number: 2718

List Source: TestAmerica North Canton

List Number: 1

Creator: Livengood, Chris

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	4.8 3.2
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-27234-2
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
10/3/2013 4:37:54 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	MS/MSD Recovery and/or RPD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-27234-2

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-27234-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 07/25/2013; the samples arrived in good condition. The temperatures of the 2 coolers at receipt time were 19.6° C and 20.1° C.

Select samples were taken off hold by CRA on September 18, 2013. A revised COC was not provided.

TOTAL METALS (ICP)

Samples S-12616-072313-DEN-111 (240-27234-13), S-12616-072313-DEN-112 (240-27234-14), S-12616-072313-DEN-113 (240-27234-15), S-12616-072313-DEN-114 (240-27234-16), S-12616-072313-DEN-115 (240-27234-17), S-12616-072313-DEN-116 (240-27234-18), S-12616-072313-DEN-117 (240-27234-19), S-12616-072313-DEN-118 (240-27234-20), S-12616-072313-DEN-119 (240-27234-21), S-12616-072313-DEN-120 (240-27234-22), S-12616-072313-DEN-121 (240-27234-23), S-12616-072313-DEN-122 (240-27234-24), S-12616-072313-DEN-123 (240-27234-25), S-12616-072313-DEN-124 (240-27234-26), S-12616-072313-DEN-134 (240-27234-36), S-12616-072313-DEN-135 (240-27234-37), S-12616-072313-DEN-136 (240-27234-38), S-12616-072313-DEN-137 (240-27234-39), S-12616-072313-DEN-138 (240-27234-40), S-12616-072313-DEN-139 (240-27234-41), S-12616-072313-DEN-140 (240-27234-42), S-12616-072313-DEN-141 (240-27234-43), S-12616-072313-DEN-142 (240-27234-44), S-12616-072313-DEN-143 (240-27234-45), S-12616-072313-DEN-144 (240-27234-46), S-12616-072313-DEN-158 (240-27234-60), S-12616-072313-DEN-159 (240-27234-61), S-12616-072313-DEN-160 (240-27234-62), S-12616-072313-DEN-161 (240-27234-63), S-12616-072313-DEN-162 (240-27234-64), S-12616-072313-DEN-163 (240-27234-65), S-12616-072313-DEN-164 (240-27234-66), S-12616-072313-DEN-165 (240-27234-67), S-12616-072313-DEN-166 (240-27234-68), S-12616-072313-DEN-167 (240-27234-69), S-12616-072313-DEN-168 (240-27234-70), S-12616-072313-DEN-169 (240-27234-71), S-12616-072413-DEN-170 (240-27234-72), S-12616-072413-DEN-171

Job ID: 240-27234-2 (Continued)

Laboratory: TestAmerica Canton (Continued)

(240-27234-73), S-12616-072413-DEN-172 (240-27234-74), S-12616-072413-DEN-173 (240-27234-75), S-12616-072413-DEN-174 (240-27234-76), S-12616-072413-DEN-175 (240-27234-77), S-12616-072413-DEN-176 (240-27234-78), S-12616-072413-DEN-177 (240-27234-79), S-12616-072413-DEN-178 (240-27234-80), S-12616-072413-DEN-179 (240-27234-81), S-12616-072413-DEN-180 (240-27234-82) and S-12616-072413-DEN-181 (240-27234-83) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 09/20/2013, 09/23/2013 and 09/24/2013 and analyzed on 09/30/2013, 10/01/2013, 10/02/2013 and 10/03/2013.

Manganese was detected in method blank MB 240-102670/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Manganese and Zinc failed the recovery criteria low for the MS of sample S-12616-072313-DEN-111MS (240-27234-13) in batch 240-103765. Copper failed the recovery criteria high.

For the MSD of sample S-12616-072313-DEN-111MSD (240-27234-13) in batch 240-103765, Nickel and Zinc failed the recovery criteria low. Copper and Manganese failed the recovery criteria high. Also, Manganese exceeded the RPD limit.

Copper, Nickel and Zinc failed the recovery criteria low for the MS of sample S-12616-072313-DEN-137MS (240-27234-39) in batch 240-103591.

Copper, Manganese, Nickel and Zinc failed the recovery criteria low for the MSD of sample S-12616-072313-DEN-137MSD (240-27234-39) in batch 240-103591. Copper, Manganese, Nickel and Zinc exceeded the RPD limit.

Samples S-12616-072313-DEN-119 (240-27234-21)[10X], S-12616-072313-DEN-119 (240-27234-21)[50X], S-12616-072313-DEN-120 (240-27234-22)[10X], S-12616-072313-DEN-121 (240-27234-23)[50X], S-12616-072313-DEN-122 (240-27234-24)[10X], S-12616-072313-DEN-124 (240-27234-26)[50X], S-12616-072313-DEN-139 (240-27234-41)[5X], S-12616-072313-DEN-158 (240-27234-60)[10X], S-12616-072313-DEN-159 (240-27234-61)[5X], S-12616-072313-DEN-160 (240-27234-62)[10X], S-12616-072313-DEN-163 (240-27234-65)[10X], S-12616-072313-DEN-167 (240-27234-69)[10X], S-12616-072313-DEN-168 (240-27234-70)[10X] and S-12616-072313-DEN-169 (240-27234-71)[10X] required dilution prior to analysis due to the nature of the sample matrix. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-27234-13	S-12616-072313-DEN-111	Solid	07/23/13 11:35	07/25/13 09:20
240-27234-14	S-12616-072313-DEN-112	Solid	07/23/13 11:40	07/25/13 09:20
240-27234-15	S-12616-072313-DEN-113	Solid	07/23/13 11:45	07/25/13 09:20
240-27234-16	S-12616-072313-DEN-114	Solid	07/23/13 11:50	07/25/13 09:20
240-27234-17	S-12616-072313-DEN-115	Solid	07/23/13 11:55	07/25/13 09:20
240-27234-18	S-12616-072313-DEN-116	Solid	07/23/13 12:00	07/25/13 09:20
240-27234-19	S-12616-072313-DEN-117	Solid	07/23/13 12:05	07/25/13 09:20
240-27234-20	S-12616-072313-DEN-118	Solid	07/23/13 12:10	07/25/13 09:20
240-27234-21	S-12616-072313-DEN-119	Solid	07/23/13 12:15	07/25/13 09:20
240-27234-22	S-12616-072313-DEN-120	Solid	07/23/13 12:20	07/25/13 09:20
240-27234-23	S-12616-072313-DEN-121	Solid	07/23/13 12:25	07/25/13 09:20
240-27234-24	S-12616-072313-DEN-122	Solid	07/23/13 12:30	07/25/13 09:20
240-27234-25	S-12616-072313-DEN-123	Solid	07/23/13 12:35	07/25/13 09:20
240-27234-26	S-12616-072313-DEN-124	Solid	07/23/13 12:40	07/25/13 09:20
240-27234-36	S-12616-072313-DEN-134	Solid	07/23/13 13:30	07/25/13 09:20
240-27234-37	S-12616-072313-DEN-135	Solid	07/23/13 13:35	07/25/13 09:20
240-27234-38	S-12616-072313-DEN-136	Solid	07/23/13 13:40	07/25/13 09:20
240-27234-39	S-12616-072313-DEN-137	Solid	07/23/13 13:45	07/25/13 09:20
240-27234-40	S-12616-072313-DEN-138	Solid	07/23/13 13:50	07/25/13 09:20
240-27234-41	S-12616-072313-DEN-139	Solid	07/23/13 13:55	07/25/13 09:20
240-27234-42	S-12616-072313-DEN-140	Solid	07/23/13 14:00	07/25/13 09:20
240-27234-43	S-12616-072313-DEN-141	Solid	07/23/13 14:05	07/25/13 09:20
240-27234-44	S-12616-072313-DEN-142	Solid	07/23/13 14:10	07/25/13 09:20
240-27234-45	S-12616-072313-DEN-143	Solid	07/23/13 14:15	07/25/13 09:20
240-27234-46	S-12616-072313-DEN-144	Solid	07/23/13 14:20	07/25/13 09:20
240-27234-60	S-12616-072313-DEN-158	Solid	07/23/13 15:30	07/25/13 09:20
240-27234-61	S-12616-072313-DEN-159	Solid	07/23/13 15:35	07/25/13 09:20
240-27234-62	S-12616-072313-DEN-160	Solid	07/23/13 15:40	07/25/13 09:20
240-27234-63	S-12616-072313-DEN-161	Solid	07/23/13 15:45	07/25/13 09:20
240-27234-64	S-12616-072313-DEN-162	Solid	07/23/13 15:50	07/25/13 09:20
240-27234-65	S-12616-072313-DEN-163	Solid	07/23/13 15:55	07/25/13 09:20
240-27234-66	S-12616-072313-DEN-164	Solid	07/23/13 16:00	07/25/13 09:20
240-27234-67	S-12616-072313-DEN-165	Solid	07/23/13 16:05	07/25/13 09:20
240-27234-68	S-12616-072313-DEN-166	Solid	07/23/13 16:10	07/25/13 09:20
240-27234-69	S-12616-072313-DEN-167	Solid	07/23/13 16:15	07/25/13 09:20
240-27234-70	S-12616-072313-DEN-168	Solid	07/23/13 16:20	07/25/13 09:20
240-27234-71	S-12616-072313-DEN-169	Solid	07/23/13 16:25	07/25/13 09:20
240-27234-72	S-12616-072413-DEN-170	Solid	07/24/13 16:30	07/25/13 09:20
240-27234-73	S-12616-072413-DEN-171	Solid	07/24/13 16:35	07/25/13 09:20
240-27234-74	S-12616-072413-DEN-172	Solid	07/24/13 16:40	07/25/13 09:20
240-27234-75	S-12616-072413-DEN-173	Solid	07/24/13 16:45	07/25/13 09:20
240-27234-76	S-12616-072413-DEN-174	Solid	07/24/13 16:50	07/25/13 09:20
240-27234-77	S-12616-072413-DEN-175	Solid	07/24/13 16:55	07/25/13 09:20
240-27234-78	S-12616-072413-DEN-176	Solid	07/24/13 17:00	07/25/13 09:20
240-27234-79	S-12616-072413-DEN-177	Solid	07/24/13 17:05	07/25/13 09:20
240-27234-80	S-12616-072413-DEN-178	Solid	07/24/13 17:10	07/25/13 09:20
240-27234-81	S-12616-072413-DEN-179	Solid	07/24/13 17:15	07/25/13 09:20
240-27234-82	S-12616-072413-DEN-180	Solid	07/24/13 17:20	07/25/13 09:20
240-27234-83	S-12616-072413-DEN-181	Solid	07/24/13 17:25	07/25/13 09:20

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-111 — Lab Sample ID: 240-27234-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.0		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	370		2.7	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	760		1.6	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	200		4.4	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	1100		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-112 — Lab Sample ID: 240-27234-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.3		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	110		2.7	0.79	mg/Kg	1	☼	6010B	Total/NA
Manganese	1300		1.6	0.079	mg/Kg	1	☼	6010B	Total/NA
Nickel	100		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	400		2.1	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-113 — Lab Sample ID: 240-27234-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.1		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	160		2.7	0.79	mg/Kg	1	☼	6010B	Total/NA
Manganese	2100		1.6	0.079	mg/Kg	1	☼	6010B	Total/NA
Nickel	120		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	520		2.1	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-114 — Lab Sample ID: 240-27234-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.8		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	680		2.5	0.75	mg/Kg	1	☼	6010B	Total/NA
Manganese	660		1.5	0.075	mg/Kg	1	☼	6010B	Total/NA
Nickel	120		4.1	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	650		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-115 — Lab Sample ID: 240-27234-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.0		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	260		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	170		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	540		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-116 — Lab Sample ID: 240-27234-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	12		5.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	330		2.7	0.79	mg/Kg	1	☼	6010B	Total/NA
Manganese	950		1.6	0.079	mg/Kg	1	☼	6010B	Total/NA
Nickel	110		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	460		2.1	1.1	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-117 — Lab Sample ID: 240-27234-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.6		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	220		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Manganese	760		1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Nickel	190		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	1000		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-118 — Lab Sample ID: 240-27234-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.5	J	6.0	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	98		3.0	0.89	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100		1.8	0.089	mg/Kg	1	☼	6010B	Total/NA
Nickel	56		4.8	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	300		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-119 — Lab Sample ID: 240-27234-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	33		6.5	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	15000		33	9.6	mg/Kg	10	☼	6010B	Total/NA
Manganese	430		2.0	0.096	mg/Kg	1	☼	6010B	Total/NA
Nickel	6400		5.2	0.35	mg/Kg	1	☼	6010B	Total/NA
Zinc	18000		130	65	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-120 — Lab Sample ID: 240-27234-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.8		5.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	2100		2.7	0.79	mg/Kg	1	☼	6010B	Total/NA
Manganese	1300		1.6	0.079	mg/Kg	1	☼	6010B	Total/NA
Nickel	580		4.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	7800		21	11	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-121 — Lab Sample ID: 240-27234-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.6		5.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	2000		2.7	0.79	mg/Kg	1	☼	6010B	Total/NA
Manganese	300		1.6	0.079	mg/Kg	1	☼	6010B	Total/NA
Nickel	1900		4.2	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	33000		110	53	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-122 — Lab Sample ID: 240-27234-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	3500		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Manganese	510		1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	1300		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	4900		24	12	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-123 — Lab Sample ID: 240-27234-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.0		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	71		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	630		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	57		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	170		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-124 — Lab Sample ID: 240-27234-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.3		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	480		2.7	0.80	mg/Kg	1	☼	6010B	Total/NA
Manganese	170		1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	1100		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	29000		110	54	mg/Kg	50	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-134 — Lab Sample ID: 240-27234-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.0		5.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	160		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	1800		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	250		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	390		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-135 — Lab Sample ID: 240-27234-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.3		5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	25		2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Manganese	190		1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Nickel	18		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	66		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-136 — Lab Sample ID: 240-27234-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.7		5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	110		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	440		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	110		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	270		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-137 — Lab Sample ID: 240-27234-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.4		5.8	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	260		2.9	0.85	mg/Kg	1	☼	6010B	Total/NA
Manganese	550		1.7	0.085	mg/Kg	1	☼	6010B	Total/NA
Nickel	280		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	790		2.3	1.2	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-138 — Lab Sample ID: 240-27234-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.0		5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	270		2.8	0.82	mg/Kg	1	☼	6010B	Total/NA
Manganese	730		1.7	0.082	mg/Kg	1	☼	6010B	Total/NA
Nickel	360		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	790		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-139 — Lab Sample ID: 240-27234-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.3		3.9	0.13	mg/Kg	1	☼	6010B	Total/NA
Copper	200		9.8	2.9	mg/Kg	5	☼	6010B	Total/NA
Manganese	930		1.2	0.058	mg/Kg	1	☼	6010B	Total/NA
Nickel	140		3.1	0.21	mg/Kg	1	☼	6010B	Total/NA
Zinc	430		1.6	0.78	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-140 — Lab Sample ID: 240-27234-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.0		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	250		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	950		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	170		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	550		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-141 — Lab Sample ID: 240-27234-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		5.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	460		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	560		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	440		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	910		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-142 — Lab Sample ID: 240-27234-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.7		5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	130		2.7	0.80	mg/Kg	1	☼	6010B	Total/NA
Manganese	620		1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	130		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	740		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-143 — Lab Sample ID: 240-27234-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.5		5.6	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	270		2.8	0.83	mg/Kg	1	☼	6010B	Total/NA
Manganese	1200		1.7	0.083	mg/Kg	1	☼	6010B	Total/NA
Nickel	190		4.5	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	770		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-144 — Lab Sample ID: 240-27234-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.0		5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	310		2.7	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	830		1.6	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	150		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	370		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-158 — Lab Sample ID: 240-27234-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	6.2	J	110	3.5	mg/Kg	10	☼	6010B	Total/NA
Copper	4800		55	16	mg/Kg	10	☼	6010B	Total/NA
Manganese	390		33	1.6	mg/Kg	10	☼	6010B	Total/NA
Nickel	9800		88	5.9	mg/Kg	10	☼	6010B	Total/NA
Zinc	2900		44	22	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-159 — Lab Sample ID: 240-27234-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.5		6.7	0.21	mg/Kg	1	☼	6010B	Total/NA
Copper	1000		17	4.9	mg/Kg	5	☼	6010B	Total/NA
Manganese	640		10	0.49	mg/Kg	5	☼	6010B	Total/NA
Nickel	2300		27	1.8	mg/Kg	5	☼	6010B	Total/NA
Zinc	730		13	6.7	mg/Kg	5	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-160 — Lab Sample ID: 240-27234-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.3	J	93	3.0	mg/Kg	10	☼	6010B	Total/NA
Copper	5100		47	14	mg/Kg	10	☼	6010B	Total/NA
Manganese	710		28	1.4	mg/Kg	10	☼	6010B	Total/NA
Nickel	11000		75	5.0	mg/Kg	10	☼	6010B	Total/NA
Zinc	2200		37	19	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-161 — Lab Sample ID: 240-27234-63

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	44		5.8	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	39		2.9	0.86	mg/Kg	1	☼	6010B	Total/NA
Manganese	740		1.7	0.086	mg/Kg	1	☼	6010B	Total/NA
Nickel	77		4.6	0.31	mg/Kg	1	☼	6010B	Total/NA
Zinc	73		2.3	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-162 — Lab Sample ID: 240-27234-64

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.1	J	5.4	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	760		2.7	0.80	mg/Kg	1	☼	6010B	Total/NA
Manganese	840		1.6	0.080	mg/Kg	1	☼	6010B	Total/NA
Nickel	1700		4.3	0.29	mg/Kg	1	☼	6010B	Total/NA
Zinc	740		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-163 — Lab Sample ID: 240-27234-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	4.9	J	73	2.3	mg/Kg	10	☼	6010B	Total/NA
Copper	4100		36	11	mg/Kg	10	☼	6010B	Total/NA
Manganese	220		22	1.1	mg/Kg	10	☼	6010B	Total/NA
Nickel	8700		58	3.9	mg/Kg	10	☼	6010B	Total/NA
Zinc	1700		29	15	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-164 — Lab Sample ID: 240-27234-66

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	11		5.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	20		2.6	0.78	mg/Kg	1	☼	6010B	Total/NA
Manganese	180		1.6	0.078	mg/Kg	1	☼	6010B	Total/NA
Nickel	27		4.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	71		2.1	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-165 — Lab Sample ID: 240-27234-67

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	8.8		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	24		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	310		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	40		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	69		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-166 — Lab Sample ID: 240-27234-68

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.8		4.9	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	28		2.5	0.73	mg/Kg	1	☼	6010B	Total/NA
Manganese	1100		1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	32		3.9	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	99		2.0	0.99	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-167 — Lab Sample ID: 240-27234-69

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.2	J	81	2.6	mg/Kg	10	☼	6010B	Total/NA
Copper	5200		40	12	mg/Kg	10	☼	6010B	Total/NA
Manganese	710		24	1.2	mg/Kg	10	☼	6010B	Total/NA
Nickel	9000		65	4.4	mg/Kg	10	☼	6010B	Total/NA
Zinc	1600		32	16	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-072313-DEN-168 — Lab Sample ID: 240-27234-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	3.9	J	120	3.7	mg/Kg	10	☼	6010B	Total/NA
Copper	7400		59	17	mg/Kg	10	☼	6010B	Total/NA
Manganese	150		35	1.7	mg/Kg	10	☼	6010B	Total/NA
Nickel	10000		94	6.3	mg/Kg	10	☼	6010B	Total/NA
Zinc	6600		47	23	mg/Kg	10	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-169 — Lab Sample ID: 240-27234-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	4.1	J	110	3.6	mg/Kg	10	☼	6010B	Total/NA
Copper	3100		56	17	mg/Kg	10	☼	6010B	Total/NA
Manganese	100		34	1.7	mg/Kg	10	☼	6010B	Total/NA
Nickel	7000		90	6.1	mg/Kg	10	☼	6010B	Total/NA
Zinc	2700		45	23	mg/Kg	10	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-170 — Lab Sample ID: 240-27234-72

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.2		5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	150		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	280		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	270		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	200		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-171 — Lab Sample ID: 240-27234-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.5		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	12		3.0	0.88	mg/Kg	1	☼	6010B	Total/NA
Manganese	310		1.8	0.088	mg/Kg	1	☼	6010B	Total/NA
Nickel	20		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	78		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-172 — Lab Sample ID: 240-27234-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.2		5.0	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	120		2.5	0.74	mg/Kg	1	☼	6010B	Total/NA
Manganese	220		1.5	0.074	mg/Kg	1	☼	6010B	Total/NA
Nickel	270		4.0	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	170		2.0	1.0	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-173 — Lab Sample ID: 240-27234-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		5.3	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	59		2.6	0.78	mg/Kg	1	☼	6010B	Total/NA
Manganese	400		1.6	0.078	mg/Kg	1	☼	6010B	Total/NA
Nickel	140		4.2	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	110		2.1	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-174 — Lab Sample ID: 240-27234-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	12		6.1	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	45		3.0	0.90	mg/Kg	1	☼	6010B	Total/NA
Manganese	340	B	1.8	0.090	mg/Kg	1	☼	6010B	Total/NA
Nickel	130		4.9	0.33	mg/Kg	1	☼	6010B	Total/NA
Zinc	130		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-175 — Lab Sample ID: 240-27234-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	16		5.9	0.19	mg/Kg	1	☼	6010B	Total/NA
Copper	110		2.9	0.87	mg/Kg	1	☼	6010B	Total/NA
Manganese	480	B	1.8	0.087	mg/Kg	1	☼	6010B	Total/NA
Nickel	220		4.7	0.32	mg/Kg	1	☼	6010B	Total/NA
Zinc	130		2.4	1.2	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-176 — Lab Sample ID: 240-27234-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	14		4.8	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	60		2.4	0.71	mg/Kg	1	☼	6010B	Total/NA
Manganese	530	B	1.4	0.071	mg/Kg	1	☼	6010B	Total/NA
Nickel	150		3.9	0.26	mg/Kg	1	☼	6010B	Total/NA
Zinc	120		1.9	0.96	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-177 — Lab Sample ID: 240-27234-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	10		5.5	0.18	mg/Kg	1	☼	6010B	Total/NA
Copper	65		2.8	0.81	mg/Kg	1	☼	6010B	Total/NA
Manganese	230	B	1.7	0.081	mg/Kg	1	☼	6010B	Total/NA
Nickel	110		4.4	0.30	mg/Kg	1	☼	6010B	Total/NA
Zinc	120		2.2	1.1	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-178 — Lab Sample ID: 240-27234-80

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.0		4.9	0.16	mg/Kg	1	☼	6010B	Total/NA
Copper	54		2.5	0.73	mg/Kg	1	☼	6010B	Total/NA
Manganese	240	B	1.5	0.073	mg/Kg	1	☼	6010B	Total/NA
Nickel	97		3.9	0.27	mg/Kg	1	☼	6010B	Total/NA
Zinc	94		2.0	0.99	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-179 — Lab Sample ID: 240-27234-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		4.6	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	220		2.3	0.68	mg/Kg	1	☼	6010B	Total/NA
Manganese	330	B	1.4	0.068	mg/Kg	1	☼	6010B	Total/NA
Nickel	410		3.7	0.25	mg/Kg	1	☼	6010B	Total/NA
Zinc	210		1.8	0.91	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: S-12616-072413-DEN-180 — Lab Sample ID: 240-27234-82

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		5.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Copper	410		2.6	0.76	mg/Kg	1	☼	6010B	Total/NA
Manganese	310		1.5	0.076	mg/Kg	1	☼	6010B	Total/NA
Nickel	900		4.1	0.28	mg/Kg	1	☼	6010B	Total/NA
Zinc	410		2.1	1.0	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-181

Lab Sample ID: 240-27234-83

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	13		4.7	0.15	mg/Kg	1	☼	6010B	Total/NA
Copper	150		2.3	0.69	mg/Kg	1	☼	6010B	Total/NA
Manganese	340		1.4	0.069	mg/Kg	1	☼	6010B	Total/NA
Nickel	310		3.7	0.25	mg/Kg	1	☼	6010B	Total/NA
Zinc	180		1.9	0.93	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-111
Date Collected: 07/23/13 11:35
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-13
Matrix: Solid
Percent Solids: 84.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.0		5.4	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 19:16	1
Copper	370		2.7	0.81	mg/Kg	☼	09/20/13 13:35	10/01/13 19:16	1
Manganese	760		1.6	0.081	mg/Kg	☼	09/20/13 13:35	10/01/13 19:16	1
Nickel	200		4.4	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 19:16	1
Zinc	1100		2.2	1.1	mg/Kg	☼	09/20/13 13:35	10/01/13 19:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-112
Date Collected: 07/23/13 11:40
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-14
Matrix: Solid
Percent Solids: 87.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.3		5.4	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 19:53	1
Copper	110		2.7	0.79	mg/Kg	☼	09/20/13 13:35	10/01/13 19:53	1
Manganese	1300		1.6	0.079	mg/Kg	☼	09/20/13 13:35	10/01/13 19:53	1
Nickel	100		4.3	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 19:53	1
Zinc	400		2.1	1.1	mg/Kg	☼	09/20/13 13:35	10/01/13 19:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-113
Date Collected: 07/23/13 11:45
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-15
Matrix: Solid
Percent Solids: 84.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.1		5.4	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 19:59	1
Copper	160		2.7	0.79	mg/Kg	☼	09/20/13 13:35	10/01/13 19:59	1
Manganese	2100		1.6	0.079	mg/Kg	☼	09/20/13 13:35	10/01/13 19:59	1
Nickel	120		4.3	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 19:59	1
Zinc	520		2.1	1.1	mg/Kg	☼	09/20/13 13:35	10/01/13 19:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-114
Date Collected: 07/23/13 11:50
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-16
Matrix: Solid
Percent Solids: 87.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.8		5.1	0.16	mg/Kg	☼	09/20/13 13:35	10/01/13 20:05	1
Copper	680		2.5	0.75	mg/Kg	☼	09/20/13 13:35	10/01/13 20:05	1
Manganese	660		1.5	0.075	mg/Kg	☼	09/20/13 13:35	10/01/13 20:05	1
Nickel	120		4.1	0.27	mg/Kg	☼	09/20/13 13:35	10/01/13 20:05	1
Zinc	650		2.0	1.0	mg/Kg	☼	09/20/13 13:35	10/01/13 20:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-115
Date Collected: 07/23/13 11:55
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-17
Matrix: Solid
Percent Solids: 84.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.0		5.1	0.16	mg/Kg	☼	09/20/13 13:35	10/01/13 20:11	1
Copper	260		2.6	0.76	mg/Kg	☼	09/20/13 13:35	10/01/13 20:11	1
Manganese	1100		1.5	0.076	mg/Kg	☼	09/20/13 13:35	10/01/13 20:11	1
Nickel	170		4.1	0.28	mg/Kg	☼	09/20/13 13:35	10/01/13 20:11	1
Zinc	540		2.0	1.0	mg/Kg	☼	09/20/13 13:35	10/01/13 20:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-116
Date Collected: 07/23/13 12:00
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-18
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	12		5.3	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 20:17	1
Copper	330		2.7	0.79	mg/Kg	☼	09/20/13 13:35	10/01/13 20:17	1
Manganese	950		1.6	0.079	mg/Kg	☼	09/20/13 13:35	10/01/13 20:17	1
Nickel	110		4.3	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 20:17	1
Zinc	460		2.1	1.1	mg/Kg	☼	09/20/13 13:35	10/01/13 20:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-117
Date Collected: 07/23/13 12:05
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-19
Matrix: Solid
Percent Solids: 82.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.6		5.6	0.18	mg/Kg	☼	09/20/13 13:35	10/01/13 20:23	1
Copper	220		2.8	0.83	mg/Kg	☼	09/20/13 13:35	10/01/13 20:23	1
Manganese	760		1.7	0.083	mg/Kg	☼	09/20/13 13:35	10/01/13 20:23	1
Nickel	190		4.5	0.30	mg/Kg	☼	09/20/13 13:35	10/01/13 20:23	1
Zinc	1000		2.2	1.1	mg/Kg	☼	09/20/13 13:35	10/01/13 20:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-118
Date Collected: 07/23/13 12:10
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-20
Matrix: Solid
Percent Solids: 80.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.5	J	6.0	0.19	mg/Kg	☼	09/20/13 13:35	10/01/13 20:29	1
Copper	98		3.0	0.89	mg/Kg	☼	09/20/13 13:35	10/01/13 20:29	1
Manganese	1100		1.8	0.089	mg/Kg	☼	09/20/13 13:35	10/01/13 20:29	1
Nickel	56		4.8	0.32	mg/Kg	☼	09/20/13 13:35	10/01/13 20:29	1
Zinc	300		2.4	1.2	mg/Kg	☼	09/20/13 13:35	10/01/13 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-119
Date Collected: 07/23/13 12:15
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-21
Matrix: Solid
Percent Solids: 73.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	33		6.5	0.21	mg/Kg	☼	09/20/13 13:35	10/01/13 20:35	1
Copper	15000		33	9.6	mg/Kg	☼	09/20/13 13:35	10/02/13 10:18	10
Manganese	430		2.0	0.096	mg/Kg	☼	09/20/13 13:35	10/01/13 20:35	1
Nickel	6400		5.2	0.35	mg/Kg	☼	09/20/13 13:35	10/01/13 20:35	1
Zinc	18000		130	65	mg/Kg	☼	09/20/13 13:35	10/03/13 00:21	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-120
Date Collected: 07/23/13 12:20
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-22
Matrix: Solid
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.8		5.3	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 20:41	1
Copper	2100		2.7	0.79	mg/Kg	☼	09/20/13 13:35	10/01/13 20:41	1
Manganese	1300		1.6	0.079	mg/Kg	☼	09/20/13 13:35	10/01/13 20:41	1
Nickel	580		4.2	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 20:41	1
Zinc	7800		21	11	mg/Kg	☼	09/20/13 13:35	10/02/13 10:36	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-121
Date Collected: 07/23/13 12:25
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-23
Matrix: Solid
Percent Solids: 83.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.6		5.3	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 20:47	1
Copper	2000		2.7	0.79	mg/Kg	☼	09/20/13 13:35	10/01/13 20:47	1
Manganese	300		1.6	0.079	mg/Kg	☼	09/20/13 13:35	10/01/13 20:47	1
Nickel	1900		4.2	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 20:47	1
Zinc	33000		110	53	mg/Kg	☼	09/20/13 13:35	10/03/13 00:27	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-122
Date Collected: 07/23/13 12:30
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-24
Matrix: Solid
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14		5.9	0.19	mg/Kg	☼	09/20/13 13:35	10/02/13 10:48	1
Copper	3500		3.0	0.88	mg/Kg	☼	09/20/13 13:35	10/02/13 10:48	1
Manganese	510		1.8	0.088	mg/Kg	☼	09/20/13 13:35	10/02/13 10:48	1
Nickel	1300		4.7	0.32	mg/Kg	☼	09/20/13 13:35	10/02/13 10:48	1
Zinc	4900		24	12	mg/Kg	☼	09/20/13 13:35	10/02/13 10:54	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-123
Date Collected: 07/23/13 12:35
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-25
Matrix: Solid
Percent Solids: 85.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.0		5.0	0.16	mg/Kg	☼	09/20/13 13:35	10/01/13 21:12	1
Copper	71		2.5	0.74	mg/Kg	☼	09/20/13 13:35	10/01/13 21:12	1
Manganese	630		1.5	0.074	mg/Kg	☼	09/20/13 13:35	10/01/13 21:12	1
Nickel	57		4.0	0.27	mg/Kg	☼	09/20/13 13:35	10/01/13 21:12	1
Zinc	170		2.0	1.0	mg/Kg	☼	09/20/13 13:35	10/01/13 21:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-124
Date Collected: 07/23/13 12:40
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-26
Matrix: Solid
Percent Solids: 76.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.3		5.4	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 21:18	1
Copper	480		2.7	0.80	mg/Kg	☼	09/20/13 13:35	10/01/13 21:18	1
Manganese	170		1.6	0.080	mg/Kg	☼	09/20/13 13:35	10/01/13 21:18	1
Nickel	1100		4.3	0.29	mg/Kg	☼	09/20/13 13:35	10/01/13 21:18	1
Zinc	29000		110	54	mg/Kg	☼	09/20/13 13:35	10/03/13 00:33	50

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-134
Date Collected: 07/23/13 13:30
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-36
Matrix: Solid
Percent Solids: 83.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.0		5.1	0.16	mg/Kg	☼	09/20/13 13:35	10/01/13 21:24	1
Copper	160		2.6	0.76	mg/Kg	☼	09/20/13 13:35	10/01/13 21:24	1
Manganese	1800		1.5	0.076	mg/Kg	☼	09/20/13 13:35	10/01/13 21:24	1
Nickel	250		4.1	0.28	mg/Kg	☼	09/20/13 13:35	10/01/13 21:24	1
Zinc	390		2.1	1.0	mg/Kg	☼	09/20/13 13:35	10/01/13 21:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-135
Date Collected: 07/23/13 13:35
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-37
Matrix: Solid
Percent Solids: 84.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.3		5.5	0.18	mg/Kg	☼	09/20/13 13:35	10/01/13 21:30	1
Copper	25		2.8	0.82	mg/Kg	☼	09/20/13 13:35	10/01/13 21:30	1
Manganese	190		1.7	0.082	mg/Kg	☼	09/20/13 13:35	10/01/13 21:30	1
Nickel	18		4.4	0.30	mg/Kg	☼	09/20/13 13:35	10/01/13 21:30	1
Zinc	66		2.2	1.1	mg/Kg	☼	09/20/13 13:35	10/01/13 21:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-136
Date Collected: 07/23/13 13:40
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-38
Matrix: Solid
Percent Solids: 85.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.7		5.2	0.17	mg/Kg	☼	09/20/13 13:35	10/01/13 21:36	1
Copper	110		2.6	0.76	mg/Kg	☼	09/20/13 13:35	10/01/13 21:36	1
Manganese	440		1.5	0.076	mg/Kg	☼	09/20/13 13:35	10/01/13 21:36	1
Nickel	110		4.1	0.28	mg/Kg	☼	09/20/13 13:35	10/01/13 21:36	1
Zinc	270		2.1	1.0	mg/Kg	☼	09/20/13 13:35	10/01/13 21:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-137
Date Collected: 07/23/13 13:45
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-39
Matrix: Solid
Percent Solids: 85.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.4		5.8	0.18	mg/Kg	☼	09/23/13 11:33	09/30/13 12:05	1
Copper	260		2.9	0.85	mg/Kg	☼	09/23/13 11:33	09/30/13 12:05	1
Manganese	550		1.7	0.085	mg/Kg	☼	09/23/13 11:33	09/30/13 12:05	1
Nickel	280		4.6	0.31	mg/Kg	☼	09/23/13 11:33	09/30/13 12:05	1
Zinc	790		2.3	1.2	mg/Kg	☼	09/23/13 11:33	09/30/13 12:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-138
Date Collected: 07/23/13 13:50
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-40
Matrix: Solid
Percent Solids: 83.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.0		5.5	0.18	mg/Kg	☼	09/23/13 11:33	09/30/13 12:21	1
Copper	270		2.8	0.82	mg/Kg	☼	09/23/13 11:33	09/30/13 12:21	1
Manganese	730		1.7	0.082	mg/Kg	☼	09/23/13 11:33	09/30/13 12:21	1
Nickel	360		4.4	0.30	mg/Kg	☼	09/23/13 11:33	09/30/13 12:21	1
Zinc	790		2.2	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 12:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-139
Date Collected: 07/23/13 13:55
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-41
Matrix: Solid
Percent Solids: 86.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.3		3.9	0.13	mg/Kg	☼	09/23/13 11:33	09/30/13 12:33	1
Copper	200		9.8	2.9	mg/Kg	☼	09/23/13 11:33	09/30/13 23:42	5
Manganese	930		1.2	0.058	mg/Kg	☼	09/23/13 11:33	09/30/13 12:33	1
Nickel	140		3.1	0.21	mg/Kg	☼	09/23/13 11:33	09/30/13 12:33	1
Zinc	430		1.6	0.78	mg/Kg	☼	09/23/13 11:33	09/30/13 12:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-140
Date Collected: 07/23/13 14:00
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-42
Matrix: Solid
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.0		5.0	0.16	mg/Kg	☼	09/23/13 11:33	09/30/13 12:37	1
Copper	250		2.5	0.74	mg/Kg	☼	09/23/13 11:33	09/30/13 12:37	1
Manganese	950		1.5	0.074	mg/Kg	☼	09/23/13 11:33	09/30/13 12:37	1
Nickel	170		4.0	0.27	mg/Kg	☼	09/23/13 11:33	09/30/13 12:37	1
Zinc	550		2.0	1.0	mg/Kg	☼	09/23/13 11:33	09/30/13 12:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-141
Date Collected: 07/23/13 14:05
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-43
Matrix: Solid
Percent Solids: 83.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		5.2	0.16	mg/Kg	☼	09/23/13 11:33	09/30/13 12:41	1
Copper	460		2.6	0.76	mg/Kg	☼	09/23/13 11:33	09/30/13 12:41	1
Manganese	560		1.5	0.076	mg/Kg	☼	09/23/13 11:33	09/30/13 12:41	1
Nickel	440		4.1	0.28	mg/Kg	☼	09/23/13 11:33	09/30/13 12:41	1
Zinc	910		2.1	1.0	mg/Kg	☼	09/23/13 11:33	09/30/13 12:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-142
Date Collected: 07/23/13 14:10
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-44
Matrix: Solid
Percent Solids: 83.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.7		5.4	0.17	mg/Kg	☼	09/23/13 11:33	09/30/13 12:45	1
Copper	130		2.7	0.80	mg/Kg	☼	09/23/13 11:33	09/30/13 12:45	1
Manganese	620		1.6	0.080	mg/Kg	☼	09/23/13 11:33	09/30/13 12:45	1
Nickel	130		4.3	0.29	mg/Kg	☼	09/23/13 11:33	09/30/13 12:45	1
Zinc	740		2.2	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 12:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-143
Date Collected: 07/23/13 14:15
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-45
Matrix: Solid
Percent Solids: 83.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.5		5.6	0.18	mg/Kg	☼	09/23/13 11:33	09/30/13 12:49	1
Copper	270		2.8	0.83	mg/Kg	☼	09/23/13 11:33	09/30/13 12:49	1
Manganese	1200		1.7	0.083	mg/Kg	☼	09/23/13 11:33	09/30/13 12:49	1
Nickel	190		4.5	0.30	mg/Kg	☼	09/23/13 11:33	09/30/13 12:49	1
Zinc	770		2.2	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 12:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-144
Date Collected: 07/23/13 14:20
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-46
Matrix: Solid
Percent Solids: 82.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.0		5.5	0.18	mg/Kg	☼	09/23/13 11:33	09/30/13 12:53	1
Copper	310		2.7	0.81	mg/Kg	☼	09/23/13 11:33	09/30/13 12:53	1
Manganese	830		1.6	0.081	mg/Kg	☼	09/23/13 11:33	09/30/13 12:53	1
Nickel	150		4.4	0.30	mg/Kg	☼	09/23/13 11:33	09/30/13 12:53	1
Zinc	370		2.2	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 12:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-158
Date Collected: 07/23/13 15:30
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-60
Matrix: Solid
Percent Solids: 39.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	6.2	J	110	3.5	mg/Kg	☼	09/23/13 11:33	09/30/13 12:57	10
Copper	4800		55	16	mg/Kg	☼	09/23/13 11:33	09/30/13 12:57	10
Manganese	390		33	1.6	mg/Kg	☼	09/23/13 11:33	09/30/13 12:57	10
Nickel	9800		88	5.9	mg/Kg	☼	09/23/13 11:33	09/30/13 12:57	10
Zinc	2900		44	22	mg/Kg	☼	09/23/13 11:33	09/30/13 12:57	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-159
Date Collected: 07/23/13 15:35
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-61
Matrix: Solid
Percent Solids: 72.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.5		6.7	0.21	mg/Kg	☼	09/23/13 11:33	10/01/13 18:29	1
Copper	1000		17	4.9	mg/Kg	☼	09/23/13 11:33	09/30/13 13:01	5
Manganese	640		10	0.49	mg/Kg	☼	09/23/13 11:33	09/30/13 13:01	5
Nickel	2300		27	1.8	mg/Kg	☼	09/23/13 11:33	09/30/13 13:01	5
Zinc	730		13	6.7	mg/Kg	☼	09/23/13 11:33	09/30/13 13:01	5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-160
Date Collected: 07/23/13 15:40
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-62
Matrix: Solid
Percent Solids: 48.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.3	J	93	3.0	mg/Kg	☼	09/23/13 11:33	09/30/13 13:05	10
Copper	5100		47	14	mg/Kg	☼	09/23/13 11:33	09/30/13 13:05	10
Manganese	710		28	1.4	mg/Kg	☼	09/23/13 11:33	09/30/13 13:05	10
Nickel	11000		75	5.0	mg/Kg	☼	09/23/13 11:33	09/30/13 13:05	10
Zinc	2200		37	19	mg/Kg	☼	09/23/13 11:33	09/30/13 13:05	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-161
Date Collected: 07/23/13 15:45
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-63
Matrix: Solid
Percent Solids: 79.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	44		5.8	0.19	mg/Kg	☼	09/23/13 11:33	09/30/13 13:09	1
Copper	39		2.9	0.86	mg/Kg	☼	09/23/13 11:33	09/30/13 13:09	1
Manganese	740		1.7	0.086	mg/Kg	☼	09/23/13 11:33	09/30/13 13:09	1
Nickel	77		4.6	0.31	mg/Kg	☼	09/23/13 11:33	09/30/13 13:09	1
Zinc	73		2.3	1.2	mg/Kg	☼	09/23/13 11:33	09/30/13 13:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-162
Date Collected: 07/23/13 15:50
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-64
Matrix: Solid
Percent Solids: 78.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.1	J	5.4	0.17	mg/Kg	☼	09/23/13 11:33	09/30/13 13:29	1
Copper	760		2.7	0.80	mg/Kg	☼	09/23/13 11:33	09/30/13 13:29	1
Manganese	840		1.6	0.080	mg/Kg	☼	09/23/13 11:33	09/30/13 13:29	1
Nickel	1700		4.3	0.29	mg/Kg	☼	09/23/13 11:33	09/30/13 13:29	1
Zinc	740		2.2	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 13:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-163
Date Collected: 07/23/13 15:55
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-65
Matrix: Solid
Percent Solids: 58.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	4.9	J	73	2.3	mg/Kg	☼	09/23/13 11:33	09/30/13 13:34	10
Copper	4100		36	11	mg/Kg	☼	09/23/13 11:33	09/30/13 13:34	10
Manganese	220		22	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 13:34	10
Nickel	8700		58	3.9	mg/Kg	☼	09/23/13 11:33	09/30/13 13:34	10
Zinc	1700		29	15	mg/Kg	☼	09/23/13 11:33	09/30/13 13:34	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-164
Date Collected: 07/23/13 16:00
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-66
Matrix: Solid
Percent Solids: 82.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	11		5.3	0.17	mg/Kg	☼	09/23/13 11:33	09/30/13 13:37	1
Copper	20		2.6	0.78	mg/Kg	☼	09/23/13 11:33	09/30/13 13:37	1
Manganese	180		1.6	0.078	mg/Kg	☼	09/23/13 11:33	09/30/13 13:37	1
Nickel	27		4.2	0.28	mg/Kg	☼	09/23/13 11:33	09/30/13 13:37	1
Zinc	71		2.1	1.1	mg/Kg	☼	09/23/13 11:33	09/30/13 13:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-165
Date Collected: 07/23/13 16:05
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-67
Matrix: Solid
Percent Solids: 91.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	8.8		5.0	0.16	mg/Kg	☼	09/23/13 11:33	09/30/13 13:41	1
Copper	24		2.5	0.74	mg/Kg	☼	09/23/13 11:33	09/30/13 13:41	1
Manganese	310		1.5	0.074	mg/Kg	☼	09/23/13 11:33	09/30/13 13:41	1
Nickel	40		4.0	0.27	mg/Kg	☼	09/23/13 11:33	09/30/13 13:41	1
Zinc	69		2.0	1.0	mg/Kg	☼	09/23/13 11:33	09/30/13 13:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-166
Date Collected: 07/23/13 16:10
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-68
Matrix: Solid
Percent Solids: 86.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.8		4.9	0.16	mg/Kg	☼	09/24/13 12:02	10/02/13 13:17	1
Copper	28		2.5	0.73	mg/Kg	☼	09/24/13 12:02	10/02/13 13:17	1
Manganese	1100		1.5	0.073	mg/Kg	☼	09/24/13 12:02	10/02/13 13:17	1
Nickel	32		3.9	0.27	mg/Kg	☼	09/24/13 12:02	10/02/13 13:17	1
Zinc	99		2.0	0.99	mg/Kg	☼	09/24/13 12:02	10/02/13 13:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-167
Date Collected: 07/23/13 16:15
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-69
Matrix: Solid
Percent Solids: 61.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.2	J	81	2.6	mg/Kg	☼	09/24/13 12:02	10/02/13 13:22	10
Copper	5200		40	12	mg/Kg	☼	09/24/13 12:02	10/02/13 13:22	10
Manganese	710		24	1.2	mg/Kg	☼	09/24/13 12:02	10/02/13 13:22	10
Nickel	9000		65	4.4	mg/Kg	☼	09/24/13 12:02	10/02/13 13:22	10
Zinc	1600		32	16	mg/Kg	☼	09/24/13 12:02	10/02/13 13:22	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-168
Date Collected: 07/23/13 16:20
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-70
Matrix: Solid
Percent Solids: 38.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	3.9	J	120	3.7	mg/Kg	☼	09/24/13 12:02	10/02/13 13:25	10
Copper	7400		59	17	mg/Kg	☼	09/24/13 12:02	10/02/13 13:25	10
Manganese	150		35	1.7	mg/Kg	☼	09/24/13 12:02	10/02/13 13:25	10
Nickel	10000		94	6.3	mg/Kg	☼	09/24/13 12:02	10/02/13 13:25	10
Zinc	6600		47	23	mg/Kg	☼	09/24/13 12:02	10/02/13 13:25	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072313-DEN-169
Date Collected: 07/23/13 16:25
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-71
Matrix: Solid
Percent Solids: 37.9

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	4.1	J	110	3.6	mg/Kg	☼	09/24/13 12:02	10/02/13 13:29	10
Copper	3100		56	17	mg/Kg	☼	09/24/13 12:02	10/02/13 13:29	10
Manganese	100		34	1.7	mg/Kg	☼	09/24/13 12:02	10/02/13 13:29	10
Nickel	7000		90	6.1	mg/Kg	☼	09/24/13 12:02	10/02/13 13:29	10
Zinc	2700		45	23	mg/Kg	☼	09/24/13 12:02	10/02/13 13:29	10

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-170
Date Collected: 07/24/13 16:30
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-72
Matrix: Solid
Percent Solids: 78.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.2		5.2	0.17	mg/Kg	☼	09/24/13 12:02	10/02/13 13:41	1
Copper	150		2.6	0.76	mg/Kg	☼	09/24/13 12:02	10/02/13 13:41	1
Manganese	280		1.5	0.076	mg/Kg	☼	09/24/13 12:02	10/02/13 13:41	1
Nickel	270		4.1	0.28	mg/Kg	☼	09/24/13 12:02	10/02/13 13:41	1
Zinc	200		2.1	1.0	mg/Kg	☼	09/24/13 12:02	10/02/13 13:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-171
Date Collected: 07/24/13 16:35
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-73
Matrix: Solid
Percent Solids: 77.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.5		5.9	0.19	mg/Kg	☼	09/24/13 12:02	10/02/13 13:45	1
Copper	12		3.0	0.88	mg/Kg	☼	09/24/13 12:02	10/02/13 13:45	1
Manganese	310		1.8	0.088	mg/Kg	☼	09/24/13 12:02	10/02/13 13:45	1
Nickel	20		4.7	0.32	mg/Kg	☼	09/24/13 12:02	10/02/13 13:45	1
Zinc	78		2.4	1.2	mg/Kg	☼	09/24/13 12:02	10/02/13 13:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-172
Date Collected: 07/24/13 16:40
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-74
Matrix: Solid
Percent Solids: 80.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.2		5.0	0.16	mg/Kg	☼	09/24/13 12:02	10/02/13 13:49	1
Copper	120		2.5	0.74	mg/Kg	☼	09/24/13 12:02	10/02/13 13:49	1
Manganese	220		1.5	0.074	mg/Kg	☼	09/24/13 12:02	10/02/13 13:49	1
Nickel	270		4.0	0.27	mg/Kg	☼	09/24/13 12:02	10/02/13 13:49	1
Zinc	170		2.0	1.0	mg/Kg	☼	09/24/13 12:02	10/02/13 13:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-173
Date Collected: 07/24/13 16:45
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-75
Matrix: Solid
Percent Solids: 82.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.3	0.17	mg/Kg	☼	09/24/13 12:02	10/02/13 13:53	1
Copper	59		2.6	0.78	mg/Kg	☼	09/24/13 12:02	10/02/13 13:53	1
Manganese	400		1.6	0.078	mg/Kg	☼	09/24/13 12:02	10/02/13 13:53	1
Nickel	140		4.2	0.28	mg/Kg	☼	09/24/13 12:02	10/02/13 13:53	1
Zinc	110		2.1	1.1	mg/Kg	☼	09/24/13 12:02	10/02/13 13:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-174
Date Collected: 07/24/13 16:50
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-76
Matrix: Solid
Percent Solids: 78.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	12		6.1	0.19	mg/Kg	☼	09/24/13 10:22	10/02/13 15:40	1
Copper	45		3.0	0.90	mg/Kg	☼	09/24/13 10:22	10/02/13 15:40	1
Manganese	340	B	1.8	0.090	mg/Kg	☼	09/24/13 10:22	10/02/13 15:40	1
Nickel	130		4.9	0.33	mg/Kg	☼	09/24/13 10:22	10/02/13 15:40	1
Zinc	130		2.4	1.2	mg/Kg	☼	09/24/13 10:22	10/02/13 15:40	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-175
Date Collected: 07/24/13 16:55
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-77
Matrix: Solid
Percent Solids: 82.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	16		5.9	0.19	mg/Kg	☼	09/24/13 10:22	10/02/13 15:44	1
Copper	110		2.9	0.87	mg/Kg	☼	09/24/13 10:22	10/02/13 15:44	1
Manganese	480	B	1.8	0.087	mg/Kg	☼	09/24/13 10:22	10/02/13 15:44	1
Nickel	220		4.7	0.32	mg/Kg	☼	09/24/13 10:22	10/02/13 15:44	1
Zinc	130		2.4	1.2	mg/Kg	☼	09/24/13 10:22	10/02/13 15:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-176
Date Collected: 07/24/13 17:00
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-78
Matrix: Solid
Percent Solids: 79.3

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	14		4.8	0.15	mg/Kg	☼	09/24/13 10:22	10/02/13 15:48	1
Copper	60		2.4	0.71	mg/Kg	☼	09/24/13 10:22	10/02/13 15:48	1
Manganese	530	B	1.4	0.071	mg/Kg	☼	09/24/13 10:22	10/02/13 15:48	1
Nickel	150		3.9	0.26	mg/Kg	☼	09/24/13 10:22	10/02/13 15:48	1
Zinc	120		1.9	0.96	mg/Kg	☼	09/24/13 10:22	10/02/13 15:48	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-177
Date Collected: 07/24/13 17:05
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-79
Matrix: Solid
Percent Solids: 79.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	10		5.5	0.18	mg/Kg	☼	09/24/13 10:22	10/02/13 15:52	1
Copper	65		2.8	0.81	mg/Kg	☼	09/24/13 10:22	10/02/13 15:52	1
Manganese	230	B	1.7	0.081	mg/Kg	☼	09/24/13 10:22	10/02/13 15:52	1
Nickel	110		4.4	0.30	mg/Kg	☼	09/24/13 10:22	10/02/13 15:52	1
Zinc	120		2.2	1.1	mg/Kg	☼	09/24/13 10:22	10/02/13 15:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-178
Date Collected: 07/24/13 17:10
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-80
Matrix: Solid
Percent Solids: 82.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.0		4.9	0.16	mg/Kg	☼	09/24/13 10:22	10/02/13 15:56	1
Copper	54		2.5	0.73	mg/Kg	☼	09/24/13 10:22	10/02/13 15:56	1
Manganese	240	B	1.5	0.073	mg/Kg	☼	09/24/13 10:22	10/02/13 15:56	1
Nickel	97		3.9	0.27	mg/Kg	☼	09/24/13 10:22	10/02/13 15:56	1
Zinc	94		2.0	0.99	mg/Kg	☼	09/24/13 10:22	10/02/13 15:56	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-179
Date Collected: 07/24/13 17:15
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-81
Matrix: Solid
Percent Solids: 84.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		4.6	0.15	mg/Kg	☼	09/24/13 10:22	10/02/13 16:08	1
Copper	220		2.3	0.68	mg/Kg	☼	09/24/13 10:22	10/02/13 16:08	1
Manganese	330	B	1.4	0.068	mg/Kg	☼	09/24/13 10:22	10/02/13 16:08	1
Nickel	410		3.7	0.25	mg/Kg	☼	09/24/13 10:22	10/02/13 16:08	1
Zinc	210		1.8	0.91	mg/Kg	☼	09/24/13 10:22	10/02/13 16:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-180
Date Collected: 07/24/13 17:20
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-82
Matrix: Solid
Percent Solids: 74.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		5.2	0.17	mg/Kg	☼	09/24/13 12:02	10/02/13 13:57	1
Copper	410		2.6	0.76	mg/Kg	☼	09/24/13 12:02	10/02/13 13:57	1
Manganese	310		1.5	0.076	mg/Kg	☼	09/24/13 12:02	10/02/13 13:57	1
Nickel	900		4.1	0.28	mg/Kg	☼	09/24/13 12:02	10/02/13 13:57	1
Zinc	410		2.1	1.0	mg/Kg	☼	09/24/13 12:02	10/02/13 13:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-181
Date Collected: 07/24/13 17:25
Date Received: 07/25/13 09:20

Lab Sample ID: 240-27234-83
Matrix: Solid
Percent Solids: 82.0

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	13		4.7	0.15	mg/Kg	☼	09/24/13 12:02	10/02/13 14:01	1
Copper	150		2.3	0.69	mg/Kg	☼	09/24/13 12:02	10/02/13 14:01	1
Manganese	340		1.4	0.069	mg/Kg	☼	09/24/13 12:02	10/02/13 14:01	1
Nickel	310		3.7	0.25	mg/Kg	☼	09/24/13 12:02	10/02/13 14:01	1
Zinc	180		1.9	0.93	mg/Kg	☼	09/24/13 12:02	10/02/13 14:01	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-102302/1-A
Matrix: Solid
Analysis Batch: 103765

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		09/20/13 13:35	10/01/13 19:04	1
Copper	2.5	U	2.5	0.74	mg/Kg		09/20/13 13:35	10/01/13 19:04	1
Manganese	1.5	U	1.5	0.074	mg/Kg		09/20/13 13:35	10/01/13 19:04	1
Nickel	4.0	U	4.0	0.27	mg/Kg		09/20/13 13:35	10/01/13 19:04	1
Zinc	2.0	U	2.0	1.0	mg/Kg		09/20/13 13:35	10/01/13 19:04	1

Lab Sample ID: LCS 240-102302/2-A
Matrix: Solid
Analysis Batch: 103765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	46.5		mg/Kg		93	80 - 120
Copper	25.0	23.9		mg/Kg		95	80 - 120
Manganese	50.0	49.0		mg/Kg		98	80 - 120
Nickel	50.0	47.6		mg/Kg		95	80 - 120
Zinc	50.0	47.4		mg/Kg		95	80 - 120

Lab Sample ID: 240-27234-13 MS
Matrix: Solid
Analysis Batch: 103765

Client Sample ID: S-12616-072313-DEN-111
Prep Type: Total/NA
Prep Batch: 102302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	8.0		57.0	57.9		mg/Kg	☼	87	75 - 125
Copper	370		28.5	532	4	mg/Kg	☼	580	75 - 125
Manganese	760		57.0	728	4	mg/Kg	☼	-52	75 - 125
Nickel	200		57.0	244		mg/Kg	☼	78	75 - 125
Zinc	1100		57.0	1010	4	mg/Kg	☼	-130	75 - 125

Lab Sample ID: 240-27234-13 MSD
Matrix: Solid
Analysis Batch: 103765

Client Sample ID: S-12616-072313-DEN-111
Prep Type: Total/NA
Prep Batch: 102302

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	8.0		57.0	56.4		mg/Kg	☼	85	75 - 125	3	20
Copper	370		28.5	555	4	mg/Kg	☼	658	75 - 125	4	20
Manganese	760		57.0	1560	4 F	mg/Kg	☼	1415	75 - 125	73	20
Nickel	200		57.0	216	F	mg/Kg	☼	29	75 - 125	12	20
Zinc	1100		57.0	949	4	mg/Kg	☼	-235	75 - 125	6	20

Lab Sample ID: MB 240-102513/1-A
Matrix: Solid
Analysis Batch: 103591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		09/23/13 11:33	09/30/13 11:57	1
Copper	2.5	U	2.5	0.74	mg/Kg		09/23/13 11:33	09/30/13 11:57	1
Manganese	1.5	U	1.5	0.074	mg/Kg		09/23/13 11:33	09/30/13 11:57	1
Nickel	4.0	U	4.0	0.27	mg/Kg		09/23/13 11:33	09/30/13 11:57	1
Zinc	2.0	U	2.0	1.0	mg/Kg		09/23/13 11:33	09/30/13 11:57	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-102513/2-A
Matrix: Solid
Analysis Batch: 103591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	46.5		mg/Kg		93	80 - 120
Copper	25.0	23.9		mg/Kg		96	80 - 120
Manganese	50.0	44.6		mg/Kg		89	80 - 120
Nickel	50.0	46.9		mg/Kg		94	80 - 120
Zinc	50.0	46.2		mg/Kg		92	80 - 120

Lab Sample ID: 240-27234-39 MS
Matrix: Solid
Analysis Batch: 103591

Client Sample ID: S-12616-072313-DEN-137
Prep Type: Total/NA
Prep Batch: 102513

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	7.4		52.0	53.6		mg/Kg	☼	89	75 - 125
Copper	260		26.0	247	4	mg/Kg	☼	-39	75 - 125
Manganese	550		52.0	599	4	mg/Kg	☼	95	75 - 125
Nickel	280		52.0	273	4	mg/Kg	☼	-8	75 - 125
Zinc	790		52.0	764	4	mg/Kg	☼	-42	75 - 125

Lab Sample ID: 240-27234-39 MSD
Matrix: Solid
Analysis Batch: 103591

Client Sample ID: S-12616-072313-DEN-137
Prep Type: Total/NA
Prep Batch: 102513

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	7.4		52.0	51.7		mg/Kg	☼	85	75 - 125	4	20
Copper	260		26.0	173	4 F	mg/Kg	☼	-321	75 - 125	35	20
Manganese	550		52.0	484	4 F	mg/Kg	☼	-126	75 - 125	21	20
Nickel	280		52.0	214	4 F	mg/Kg	☼	-123	75 - 125	25	20
Zinc	790		52.0	580	4 F	mg/Kg	☼	-394	75 - 125	27	20

Lab Sample ID: MB 240-102670/1-A
Matrix: Solid
Analysis Batch: 103958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102670

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		09/24/13 10:22	10/02/13 14:05	1
Copper	2.5	U	2.5	0.74	mg/Kg		09/24/13 10:22	10/02/13 14:05	1
Manganese	0.145	J	1.5	0.074	mg/Kg		09/24/13 10:22	10/02/13 14:05	1
Nickel	4.0	U	4.0	0.27	mg/Kg		09/24/13 10:22	10/02/13 14:05	1
Zinc	2.0	U	2.0	1.0	mg/Kg		09/24/13 10:22	10/02/13 14:05	1

Lab Sample ID: LCS 240-102670/2-A
Matrix: Solid
Analysis Batch: 103958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	45.5		mg/Kg		91	80 - 120
Copper	25.0	23.4		mg/Kg		94	80 - 120
Manganese	50.0	45.5		mg/Kg		91	80 - 120
Nickel	50.0	46.3		mg/Kg		93	80 - 120
Zinc	50.0	45.8		mg/Kg		92	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-102706/1-A
Matrix: Solid
Analysis Batch: 103958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 102706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	5.0	U	5.0	0.16	mg/Kg		09/24/13 12:02	10/02/13 12:18	1
Copper	2.5	U	2.5	0.74	mg/Kg		09/24/13 12:02	10/02/13 12:18	1
Manganese	1.5	U	1.5	0.074	mg/Kg		09/24/13 12:02	10/02/13 12:18	1
Nickel	4.0	U	4.0	0.27	mg/Kg		09/24/13 12:02	10/02/13 12:18	1
Zinc	2.0	U	2.0	1.0	mg/Kg		09/24/13 12:02	10/02/13 12:18	1

Lab Sample ID: LCS 240-102706/2-A
Matrix: Solid
Analysis Batch: 103958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 102706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cobalt	50.0	46.1		mg/Kg		92	80 - 120
Copper	25.0	23.4		mg/Kg		94	80 - 120
Manganese	50.0	46.2		mg/Kg		92	80 - 120
Nickel	50.0	46.9		mg/Kg		94	80 - 120
Zinc	50.0	46.5		mg/Kg		93	80 - 120

Metals

Prep Batch: 102302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-13	S-12616-072313-DEN-111	Total/NA	Solid	3050B	
240-27234-13 MS	S-12616-072313-DEN-111	Total/NA	Solid	3050B	
240-27234-13 MSD	S-12616-072313-DEN-111	Total/NA	Solid	3050B	
240-27234-14	S-12616-072313-DEN-112	Total/NA	Solid	3050B	
240-27234-15	S-12616-072313-DEN-113	Total/NA	Solid	3050B	
240-27234-16	S-12616-072313-DEN-114	Total/NA	Solid	3050B	
240-27234-17	S-12616-072313-DEN-115	Total/NA	Solid	3050B	
240-27234-18	S-12616-072313-DEN-116	Total/NA	Solid	3050B	
240-27234-19	S-12616-072313-DEN-117	Total/NA	Solid	3050B	
240-27234-20	S-12616-072313-DEN-118	Total/NA	Solid	3050B	
240-27234-21	S-12616-072313-DEN-119	Total/NA	Solid	3050B	
240-27234-22	S-12616-072313-DEN-120	Total/NA	Solid	3050B	
240-27234-23	S-12616-072313-DEN-121	Total/NA	Solid	3050B	
240-27234-24	S-12616-072313-DEN-122	Total/NA	Solid	3050B	
240-27234-25	S-12616-072313-DEN-123	Total/NA	Solid	3050B	
240-27234-26	S-12616-072313-DEN-124	Total/NA	Solid	3050B	
240-27234-36	S-12616-072313-DEN-134	Total/NA	Solid	3050B	
240-27234-37	S-12616-072313-DEN-135	Total/NA	Solid	3050B	
240-27234-38	S-12616-072313-DEN-136	Total/NA	Solid	3050B	
LCS 240-102302/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-102302/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 102513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-39	S-12616-072313-DEN-137	Total/NA	Solid	3050B	
240-27234-39 MS	S-12616-072313-DEN-137	Total/NA	Solid	3050B	
240-27234-39 MSD	S-12616-072313-DEN-137	Total/NA	Solid	3050B	
240-27234-40	S-12616-072313-DEN-138	Total/NA	Solid	3050B	
240-27234-41	S-12616-072313-DEN-139	Total/NA	Solid	3050B	
240-27234-42	S-12616-072313-DEN-140	Total/NA	Solid	3050B	
240-27234-43	S-12616-072313-DEN-141	Total/NA	Solid	3050B	
240-27234-44	S-12616-072313-DEN-142	Total/NA	Solid	3050B	
240-27234-45	S-12616-072313-DEN-143	Total/NA	Solid	3050B	
240-27234-46	S-12616-072313-DEN-144	Total/NA	Solid	3050B	
240-27234-60	S-12616-072313-DEN-158	Total/NA	Solid	3050B	
240-27234-61	S-12616-072313-DEN-159	Total/NA	Solid	3050B	
240-27234-62	S-12616-072313-DEN-160	Total/NA	Solid	3050B	
240-27234-63	S-12616-072313-DEN-161	Total/NA	Solid	3050B	
240-27234-64	S-12616-072313-DEN-162	Total/NA	Solid	3050B	
240-27234-65	S-12616-072313-DEN-163	Total/NA	Solid	3050B	
240-27234-66	S-12616-072313-DEN-164	Total/NA	Solid	3050B	
240-27234-67	S-12616-072313-DEN-165	Total/NA	Solid	3050B	
LCS 240-102513/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-102513/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 102670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-76	S-12616-072413-DEN-174	Total/NA	Solid	3050B	
240-27234-77	S-12616-072413-DEN-175	Total/NA	Solid	3050B	
240-27234-78	S-12616-072413-DEN-176	Total/NA	Solid	3050B	
240-27234-79	S-12616-072413-DEN-177	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 102670 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-80	S-12616-072413-DEN-178	Total/NA	Solid	3050B	
240-27234-81	S-12616-072413-DEN-179	Total/NA	Solid	3050B	
LCS 240-102670/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-102670/1-A	Method Blank	Total/NA	Solid	3050B	

Prep Batch: 102706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-68	S-12616-072313-DEN-166	Total/NA	Solid	3050B	
240-27234-69	S-12616-072313-DEN-167	Total/NA	Solid	3050B	
240-27234-70	S-12616-072313-DEN-168	Total/NA	Solid	3050B	
240-27234-71	S-12616-072313-DEN-169	Total/NA	Solid	3050B	
240-27234-72	S-12616-072413-DEN-170	Total/NA	Solid	3050B	
240-27234-73	S-12616-072413-DEN-171	Total/NA	Solid	3050B	
240-27234-74	S-12616-072413-DEN-172	Total/NA	Solid	3050B	
240-27234-75	S-12616-072413-DEN-173	Total/NA	Solid	3050B	
240-27234-82	S-12616-072413-DEN-180	Total/NA	Solid	3050B	
240-27234-83	S-12616-072413-DEN-181	Total/NA	Solid	3050B	
LCS 240-102706/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 240-102706/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 103591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-39	S-12616-072313-DEN-137	Total/NA	Solid	6010B	102513
240-27234-39 MS	S-12616-072313-DEN-137	Total/NA	Solid	6010B	102513
240-27234-39 MSD	S-12616-072313-DEN-137	Total/NA	Solid	6010B	102513
240-27234-40	S-12616-072313-DEN-138	Total/NA	Solid	6010B	102513
240-27234-41	S-12616-072313-DEN-139	Total/NA	Solid	6010B	102513
240-27234-41	S-12616-072313-DEN-139	Total/NA	Solid	6010B	102513
240-27234-42	S-12616-072313-DEN-140	Total/NA	Solid	6010B	102513
240-27234-43	S-12616-072313-DEN-141	Total/NA	Solid	6010B	102513
240-27234-44	S-12616-072313-DEN-142	Total/NA	Solid	6010B	102513
240-27234-45	S-12616-072313-DEN-143	Total/NA	Solid	6010B	102513
240-27234-46	S-12616-072313-DEN-144	Total/NA	Solid	6010B	102513
240-27234-60	S-12616-072313-DEN-158	Total/NA	Solid	6010B	102513
240-27234-61	S-12616-072313-DEN-159	Total/NA	Solid	6010B	102513
240-27234-62	S-12616-072313-DEN-160	Total/NA	Solid	6010B	102513
240-27234-63	S-12616-072313-DEN-161	Total/NA	Solid	6010B	102513
240-27234-64	S-12616-072313-DEN-162	Total/NA	Solid	6010B	102513
240-27234-65	S-12616-072313-DEN-163	Total/NA	Solid	6010B	102513
240-27234-66	S-12616-072313-DEN-164	Total/NA	Solid	6010B	102513
240-27234-67	S-12616-072313-DEN-165	Total/NA	Solid	6010B	102513
LCS 240-102513/2-A	Lab Control Sample	Total/NA	Solid	6010B	102513
MB 240-102513/1-A	Method Blank	Total/NA	Solid	6010B	102513

Analysis Batch: 103765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-13	S-12616-072313-DEN-111	Total/NA	Solid	6010B	102302
240-27234-13 MS	S-12616-072313-DEN-111	Total/NA	Solid	6010B	102302
240-27234-13 MSD	S-12616-072313-DEN-111	Total/NA	Solid	6010B	102302
240-27234-14	S-12616-072313-DEN-112	Total/NA	Solid	6010B	102302
240-27234-15	S-12616-072313-DEN-113	Total/NA	Solid	6010B	102302

Metals (Continued)

Analysis Batch: 103765 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-16	S-12616-072313-DEN-114	Total/NA	Solid	6010B	102302
240-27234-17	S-12616-072313-DEN-115	Total/NA	Solid	6010B	102302
240-27234-18	S-12616-072313-DEN-116	Total/NA	Solid	6010B	102302
240-27234-19	S-12616-072313-DEN-117	Total/NA	Solid	6010B	102302
240-27234-20	S-12616-072313-DEN-118	Total/NA	Solid	6010B	102302
240-27234-21	S-12616-072313-DEN-119	Total/NA	Solid	6010B	102302
240-27234-22	S-12616-072313-DEN-120	Total/NA	Solid	6010B	102302
240-27234-23	S-12616-072313-DEN-121	Total/NA	Solid	6010B	102302
240-27234-25	S-12616-072313-DEN-123	Total/NA	Solid	6010B	102302
240-27234-26	S-12616-072313-DEN-124	Total/NA	Solid	6010B	102302
240-27234-36	S-12616-072313-DEN-134	Total/NA	Solid	6010B	102302
240-27234-37	S-12616-072313-DEN-135	Total/NA	Solid	6010B	102302
240-27234-38	S-12616-072313-DEN-136	Total/NA	Solid	6010B	102302
LCS 240-102302/2-A	Lab Control Sample	Total/NA	Solid	6010B	102302
MB 240-102302/1-A	Method Blank	Total/NA	Solid	6010B	102302

Analysis Batch: 103773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-61	S-12616-072313-DEN-159	Total/NA	Solid	6010B	102513

Analysis Batch: 103958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-68	S-12616-072313-DEN-166	Total/NA	Solid	6010B	102706
240-27234-69	S-12616-072313-DEN-167	Total/NA	Solid	6010B	102706
240-27234-70	S-12616-072313-DEN-168	Total/NA	Solid	6010B	102706
240-27234-71	S-12616-072313-DEN-169	Total/NA	Solid	6010B	102706
240-27234-72	S-12616-072413-DEN-170	Total/NA	Solid	6010B	102706
240-27234-73	S-12616-072413-DEN-171	Total/NA	Solid	6010B	102706
240-27234-74	S-12616-072413-DEN-172	Total/NA	Solid	6010B	102706
240-27234-75	S-12616-072413-DEN-173	Total/NA	Solid	6010B	102706
240-27234-76	S-12616-072413-DEN-174	Total/NA	Solid	6010B	102670
240-27234-77	S-12616-072413-DEN-175	Total/NA	Solid	6010B	102670
240-27234-78	S-12616-072413-DEN-176	Total/NA	Solid	6010B	102670
240-27234-79	S-12616-072413-DEN-177	Total/NA	Solid	6010B	102670
240-27234-80	S-12616-072413-DEN-178	Total/NA	Solid	6010B	102670
240-27234-81	S-12616-072413-DEN-179	Total/NA	Solid	6010B	102670
240-27234-82	S-12616-072413-DEN-180	Total/NA	Solid	6010B	102706
240-27234-83	S-12616-072413-DEN-181	Total/NA	Solid	6010B	102706
LCS 240-102670/2-A	Lab Control Sample	Total/NA	Solid	6010B	102670
LCS 240-102706/2-A	Lab Control Sample	Total/NA	Solid	6010B	102706
MB 240-102670/1-A	Method Blank	Total/NA	Solid	6010B	102670
MB 240-102706/1-A	Method Blank	Total/NA	Solid	6010B	102706

Analysis Batch: 103961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-21	S-12616-072313-DEN-119	Total/NA	Solid	6010B	102302
240-27234-21	S-12616-072313-DEN-119	Total/NA	Solid	6010B	102302
240-27234-22	S-12616-072313-DEN-120	Total/NA	Solid	6010B	102302
240-27234-23	S-12616-072313-DEN-121	Total/NA	Solid	6010B	102302
240-27234-24	S-12616-072313-DEN-122	Total/NA	Solid	6010B	102302
240-27234-24	S-12616-072313-DEN-122	Total/NA	Solid	6010B	102302

Metals (Continued)

Analysis Batch: 103961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-26	S-12616-072313-DEN-124	Total/NA	Solid	6010B	102302

General Chemistry

Analysis Batch: 103142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-13	S-12616-072313-DEN-111	Total/NA	Solid	Moisture	
240-27234-13 DU	S-12616-072313-DEN-111	Total/NA	Solid	Moisture	
240-27234-14	S-12616-072313-DEN-112	Total/NA	Solid	Moisture	
240-27234-15	S-12616-072313-DEN-113	Total/NA	Solid	Moisture	
240-27234-16	S-12616-072313-DEN-114	Total/NA	Solid	Moisture	
240-27234-17	S-12616-072313-DEN-115	Total/NA	Solid	Moisture	
240-27234-18	S-12616-072313-DEN-116	Total/NA	Solid	Moisture	
240-27234-19	S-12616-072313-DEN-117	Total/NA	Solid	Moisture	
240-27234-20	S-12616-072313-DEN-118	Total/NA	Solid	Moisture	
240-27234-21	S-12616-072313-DEN-119	Total/NA	Solid	Moisture	
240-27234-22	S-12616-072313-DEN-120	Total/NA	Solid	Moisture	
240-27234-22 DU	S-12616-072313-DEN-120	Total/NA	Solid	Moisture	
240-27234-23	S-12616-072313-DEN-121	Total/NA	Solid	Moisture	
240-27234-24	S-12616-072313-DEN-122	Total/NA	Solid	Moisture	
240-27234-25	S-12616-072313-DEN-123	Total/NA	Solid	Moisture	
240-27234-26	S-12616-072313-DEN-124	Total/NA	Solid	Moisture	
240-27234-36	S-12616-072313-DEN-134	Total/NA	Solid	Moisture	
240-27234-37	S-12616-072313-DEN-135	Total/NA	Solid	Moisture	
240-27234-38	S-12616-072313-DEN-136	Total/NA	Solid	Moisture	
240-27234-39	S-12616-072313-DEN-137	Total/NA	Solid	Moisture	
240-27234-40	S-12616-072313-DEN-138	Total/NA	Solid	Moisture	
240-27234-40 DU	S-12616-072313-DEN-138	Total/NA	Solid	Moisture	
240-27234-41	S-12616-072313-DEN-139	Total/NA	Solid	Moisture	
240-27234-42	S-12616-072313-DEN-140	Total/NA	Solid	Moisture	
240-27234-43	S-12616-072313-DEN-141	Total/NA	Solid	Moisture	
240-27234-44	S-12616-072313-DEN-142	Total/NA	Solid	Moisture	
240-27234-45	S-12616-072313-DEN-143	Total/NA	Solid	Moisture	
240-27234-46	S-12616-072313-DEN-144	Total/NA	Solid	Moisture	
240-27234-60	S-12616-072313-DEN-158	Total/NA	Solid	Moisture	
240-27234-61	S-12616-072313-DEN-159	Total/NA	Solid	Moisture	
240-27234-63	S-12616-072313-DEN-161	Total/NA	Solid	Moisture	
240-27234-64	S-12616-072313-DEN-162	Total/NA	Solid	Moisture	
240-27234-65	S-12616-072313-DEN-163	Total/NA	Solid	Moisture	
240-27234-66	S-12616-072313-DEN-164	Total/NA	Solid	Moisture	
240-27234-67	S-12616-072313-DEN-165	Total/NA	Solid	Moisture	
240-27234-68	S-12616-072313-DEN-166	Total/NA	Solid	Moisture	
240-27234-69	S-12616-072313-DEN-167	Total/NA	Solid	Moisture	
240-27234-70	S-12616-072313-DEN-168	Total/NA	Solid	Moisture	
240-27234-71	S-12616-072313-DEN-169	Total/NA	Solid	Moisture	
240-27234-71 DU	S-12616-072313-DEN-169	Total/NA	Solid	Moisture	
240-27234-72	S-12616-072413-DEN-170	Total/NA	Solid	Moisture	
240-27234-73	S-12616-072413-DEN-171	Total/NA	Solid	Moisture	
240-27234-74	S-12616-072413-DEN-172	Total/NA	Solid	Moisture	
240-27234-75	S-12616-072413-DEN-173	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 103142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-76	S-12616-072413-DEN-174	Total/NA	Solid	Moisture	
240-27234-77	S-12616-072413-DEN-175	Total/NA	Solid	Moisture	
240-27234-78	S-12616-072413-DEN-176	Total/NA	Solid	Moisture	
240-27234-79	S-12616-072413-DEN-177	Total/NA	Solid	Moisture	
240-27234-80	S-12616-072413-DEN-178	Total/NA	Solid	Moisture	
240-27234-80 DU	S-12616-072413-DEN-178	Total/NA	Solid	Moisture	
240-27234-81	S-12616-072413-DEN-179	Total/NA	Solid	Moisture	
240-27234-82	S-12616-072413-DEN-180	Total/NA	Solid	Moisture	
240-27234-83	S-12616-072413-DEN-181	Total/NA	Solid	Moisture	

Analysis Batch: 103328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27234-62	S-12616-072313-DEN-160	Total/NA	Solid	Moisture	

Client Sample ID: S-12616-072313-DEN-111 — **Lab Sample ID: 240-27234-13**
Date Collected: 07/23/13 11:35 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 84.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 19:16	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-112 — **Lab Sample ID: 240-27234-14**
Date Collected: 07/23/13 11:40 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 19:53	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-113 — **Lab Sample ID: 240-27234-15**
Date Collected: 07/23/13 11:45 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 84.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 19:59	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-114 — **Lab Sample ID: 240-27234-16**
Date Collected: 07/23/13 11:50 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 87.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:05	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-115 — **Lab Sample ID: 240-27234-17**
Date Collected: 07/23/13 11:55 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 84.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:11	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-116

Lab Sample ID: 240-27234-18

Date Collected: 07/23/13 12:00
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:17	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-117

Lab Sample ID: 240-27234-19

Date Collected: 07/23/13 12:05
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:23	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-118

Lab Sample ID: 240-27234-20

Date Collected: 07/23/13 12:10
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:29	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-119

Lab Sample ID: 240-27234-21

Date Collected: 07/23/13 12:15
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 73.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:35	KLC	TAL CAN
Total/NA	Analysis	6010B		50	103961	10/03/13 00:21	KLC	TAL CAN
Total/NA	Analysis	6010B		10	103961	10/02/13 10:18	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-120

Lab Sample ID: 240-27234-22

Date Collected: 07/23/13 12:20
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:41	KLC	TAL CAN
Total/NA	Analysis	6010B		10	103961	10/02/13 10:36	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-121 — **Lab Sample ID: 240-27234-23**
Date Collected: 07/23/13 12:25 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 83.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 20:47	KLC	TAL CAN
Total/NA	Analysis	6010B		50	103961	10/03/13 00:27	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-122 — **Lab Sample ID: 240-27234-24**
Date Collected: 07/23/13 12:30 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 82.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103961	10/02/13 10:48	KLC	TAL CAN
Total/NA	Analysis	6010B		10	103961	10/02/13 10:54	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-123 — **Lab Sample ID: 240-27234-25**
Date Collected: 07/23/13 12:35 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 85.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 21:12	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-124 — **Lab Sample ID: 240-27234-26**
Date Collected: 07/23/13 12:40 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 76.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		1	103765	10/01/13 21:18	KLC	TAL CAN
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		50	103961	10/03/13 00:33	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-134 — **Lab Sample ID: 240-27234-36**
Date Collected: 07/23/13 13:30 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 83.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 21:24	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-135

Lab Sample ID: 240-27234-37

Date Collected: 07/23/13 13:35
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 21:30	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-136

Lab Sample ID: 240-27234-38

Date Collected: 07/23/13 13:40
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102302	09/20/13 13:35	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103765	10/01/13 21:36	KLC	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-137

Lab Sample ID: 240-27234-39

Date Collected: 07/23/13 13:45
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:05	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-138

Lab Sample ID: 240-27234-40

Date Collected: 07/23/13 13:50
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:21	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-139

Lab Sample ID: 240-27234-41

Date Collected: 07/23/13 13:55
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	103591	09/30/13 23:42	ADS	TAL CAN
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:33	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-140

Lab Sample ID: 240-27234-42

Date Collected: 07/23/13 14:00
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:37	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-141

Lab Sample ID: 240-27234-43

Date Collected: 07/23/13 14:05
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:41	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-142

Lab Sample ID: 240-27234-44

Date Collected: 07/23/13 14:10
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:45	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-143

Lab Sample ID: 240-27234-45

Date Collected: 07/23/13 14:15
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:49	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-144

Lab Sample ID: 240-27234-46

Date Collected: 07/23/13 14:20
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 12:53	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-158

Lab Sample ID: 240-27234-60

Date Collected: 07/23/13 15:30
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 39.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		10	103591	09/30/13 12:57	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-159

Lab Sample ID: 240-27234-61

Date Collected: 07/23/13 15:35
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010B		5	103591	09/30/13 13:01	ADS	TAL CAN
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103773	10/01/13 18:29	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-160

Lab Sample ID: 240-27234-62

Date Collected: 07/23/13 15:40
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 48.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		10	103591	09/30/13 13:05	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103328	09/27/13 15:17	JMB	TAL CAN

Client Sample ID: S-12616-072313-DEN-161

Lab Sample ID: 240-27234-63

Date Collected: 07/23/13 15:45
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 13:09	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-162

Lab Sample ID: 240-27234-64

Date Collected: 07/23/13 15:50
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 13:29	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-163

Lab Sample ID: 240-27234-65

Date Collected: 07/23/13 15:55
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 58.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		10	103591	09/30/13 13:34	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-164

Lab Sample ID: 240-27234-66

Date Collected: 07/23/13 16:00
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 13:37	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-165

Lab Sample ID: 240-27234-67

Date Collected: 07/23/13 16:05
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102513	09/23/13 11:33	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103591	09/30/13 13:41	ADS	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-166

Lab Sample ID: 240-27234-68

Date Collected: 07/23/13 16:10
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 13:17	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-167

Lab Sample ID: 240-27234-69

Date Collected: 07/23/13 16:15
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 61.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		10	103958	10/02/13 13:22	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-168

Lab Sample ID: 240-27234-70

Date Collected: 07/23/13 16:20
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 38.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		10	103958	10/02/13 13:25	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072313-DEN-169

Lab Sample ID: 240-27234-71

Date Collected: 07/23/13 16:25
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 37.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		10	103958	10/02/13 13:29	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-170

Lab Sample ID: 240-27234-72

Date Collected: 07/24/13 16:30
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 13:41	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-171

Lab Sample ID: 240-27234-73

Date Collected: 07/24/13 16:35
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 13:45	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-172

Lab Sample ID: 240-27234-74

Date Collected: 07/24/13 16:40
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 13:49	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-173 — **Lab Sample ID: 240-27234-75**
Date Collected: 07/24/13 16:45 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 82.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 13:53	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-174 — **Lab Sample ID: 240-27234-76**
Date Collected: 07/24/13 16:50 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 78.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102670	09/24/13 10:22	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 15:40	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-175 — **Lab Sample ID: 240-27234-77**
Date Collected: 07/24/13 16:55 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 82.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102670	09/24/13 10:22	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 15:44	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-176 — **Lab Sample ID: 240-27234-78**
Date Collected: 07/24/13 17:00 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 79.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102670	09/24/13 10:22	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 15:48	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-177 — **Lab Sample ID: 240-27234-79**
Date Collected: 07/24/13 17:05 — **Matrix: Solid**
Date Received: 07/25/13 09:20 — **Percent Solids: 79.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102670	09/24/13 10:22	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 15:52	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 15:36	RPP	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Client Sample ID: S-12616-072413-DEN-178

Lab Sample ID: 240-27234-80

Date Collected: 07/24/13 17:10
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102670	09/24/13 10:22	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 15:56	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 16:26	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-179

Lab Sample ID: 240-27234-81

Date Collected: 07/24/13 17:15
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102670	09/24/13 10:22	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 16:08	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 16:26	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-180

Lab Sample ID: 240-27234-82

Date Collected: 07/24/13 17:20
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 13:57	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 16:26	RPP	TAL CAN

Client Sample ID: S-12616-072413-DEN-181

Lab Sample ID: 240-27234-83

Date Collected: 07/24/13 17:25
Matrix: Solid
Date Received: 07/25/13 09:20
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			102706	09/24/13 12:02	DEE	TAL CAN
Total/NA	Analysis	6010B		1	103958	10/02/13 14:01	RKT	TAL CAN
Total/NA	Analysis	Moisture		1	103142	09/26/13 16:26	RPP	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-27234-2

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14 *
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-14

* Expired certification is currently pending renewal and is considered valid.

64894

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client: CRA	Project Manager: A. LaVine	Date: 7/24/13	Page 1 of 7
Address	Telephone Number (Area Code)/Fax Number	Lab Location: N. Canton OH	Analysis
City: Sandusky	State: OH	Zip Code	Site Contact
Project Number/Name: 12616-T02	Carrier/Waybill Number: Fed Ex 8010 4597 4880		
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-072213-DN-99	7/22/13	1515	Soil			1	None		X
100		1540				1			X
101		1600				1			X
102		1625				1			X
103		1655				1			X
104		1715				1			X
S-12616-072313-DN-105	[redacted]	0915				1			X
106	[redacted]	0945				1			X
107	7/23/13	1015				1			X
108		1045				1			X
109		1100				1			X
110		1130				1			X
S-12616-072313-DEN-111		1135				1			X
112		1140				1			X
113		1145				1			X
114		1150				1			X

240-27234 Chain of Custody

Special Instructions: HOLD All Samples

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [X] Archive For 3 Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] Normal [ ] Rush [ ] Other

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: A. LaVine	7/24/13	1700	1. Received By: [signature]	7-25-13	920
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

64895

TAL-4149 (1007)

Client: CRA	Project Manager: A. LaVine	Date: 7/24/13	Page 2 of 7
Address	Telephone Number (Area Code)/Fax Number	Lab Location: N. Canton, OH	Analysis
City: Sandusky	State: OH	Zip Code	Site Contact
Project Number/Name: 12616-TO2		Carrier/Waybill Number: FedEx 8010 4597 4080	
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-0723B-DEN-115	7/23/13	1155	Soil			1	None		X
116		1200				1			X
117		1205				1			X
118		1210				1			X
119		1215				1			X
120		1220				1			X
121		1225				1			X
122		1230				1			X
123		1235				1			X
124		1240				1			X
125		1245				1			X
126		1250				1			X
127		1255				1			X
128		1300				1			X
129		1305				1			X
130		1310				1			X

Special Instructions: HOLD All Samples

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [X] Archive For 3 Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] Normal [ ] Rush [ ] Other

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: A. LaVine	7/24/13	1700	1. Received By	7-25-13	920
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

64896

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page / of
CRA	A. LaVine	7/24/13	Page 3 of 7
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
		N. Canton, OH	
City: Sandusky	State: OH	Zip Code	Site Contact
Project Number/Name: 12616-T02		Carrier/Waybill Number: FedEx 8010 4597 4880	
Contract/Purchase Order/Quote Number			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-072313-DEN-131	7/23/13	1315	Soil			1	None		X
132		1320				1			X
133		1325				1			X
134		1330				1			X
135		1335				1			X
136		1340				1			X
137		1345				1			X
138		1350				1			X
139		1355				1			X
140		1400				1			X
141		1405				1			X
142		1410				1			X
143		1415				1			X
144		1420				1			X
145		1425				1			X
146		1430				1			X

Special Instructions: HOLD All Samples

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [X] Archive For 3 Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] Normal [ ] Rush [ ] Other

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Claudia LaVine	7/24/13	1700	1. Received By:	7-25-13	9:20
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

64897

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4149 (1007)

Client	Project Manager	Date	Page / of
CRA	A. LaVine	7/24/13	Page 4 of 7
Address	Telephone Number (Area Code)/Fax Number	Lab Location	Analysis
		N. Canton OH	
City: Sandusky	State: OH	Zip Code:	Site Contact:
Project Number/Name: 12616-T02		Carrier/Waybill Number: FedEx 8010 4597 4880	
Contract/Purchase Order/Quote Number:			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Metals
S-12616-07231 3-DEN-147	7/23/13	1435	Soil			1	None		X
148		1440				1			X
149		1445				1			X
150		1450				1			X
151		1455				1			X
152		1500				1			X
153		1505				1			X
154		1510				1			X
155		1515				1			X
156		1520				1			X
157		1525				1			X
158		1530				1			X
159		1535				1			X
160		1540				1			X
161		1545				1			X
162		1550				1			X

Special Instructions: HOLD All Samples

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [X] Archive For 3 Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] Normal [ ] Rush [ ] Other

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Adrine LaVine	7/24/13	1700	1. Received By:	7-25-13	920
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

TestAmerica Laboratory location: N Canton OH

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact:	Lab Contact:	COC No: 025143
Address:	Telephone:	Telephone:	Telephone:	5 of 7 COCs
City/State/Zip: Sandusky OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name:	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-T02	Shipping/Tracking No: 801045974880			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Metals	Sample Specific Notes / Special Instructions:
5-12616-07233-DEN-163	7/23/13	1555				X							1		N	G	X	
164		1600				X							1				X	
165		1605				X							1				X	
166		1610				X							1				X	
167		1615				X							1				X	
168		1620				X							1				X	
169		1625				X							1				X	
5-12616-07243-DEN- 170	7/24/13	1630				X							1				X	
171		1635				X							1				X	
172		1640				X							1				X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☒ Archive For 3 Months

Special Instructions/QC Requirements & Comments: HOLD All Samples

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	CRA	7/24/13 1700		TA	7-25-13 920
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact:	Lab Contact:	COC No: 025076
Address:	Telephone:	Telephone:	Telephone:	6 of 7 COCs
City/State/Zip: Sandusky OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name:	Method of Shipment/Carrier: FedEX			
Project Number: 12616-TO2	Shipping/Tracking No: 8010 4597 4880			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite=C / Grab=G	Metals	Sample Specific Notes / Special Instructions:
S-12616-072413-DEN-173	7/24/13	1645				X							1		N	G	X	
174		1650				X							1				X	
175		1655				X							1				X	
176		1700				X							1				X	
177		1705				X							1				X	
178		1710				X							1				X	
179		1715				X							1				X	
180		1720				X							1				X	
181		1725				X							1				X	
182		1730				X							1				X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☒ Archive For 3 Months

Special Instructions/QC Requirements & Comments:
HOLD All Samples

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	CRA	7/24/13 1700	[signature]	TA	7-25-13 920
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact:	Lab Contact:	COC No: 025077
Address:	Telephone:	Telephone:	Telephone:	7 of 7 COCs
City/State/Zip: Sandusk OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name:	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-TO2	Shipping/Tracking No: 8010 4597 4880			Job/SDG No:

PO #			Matrix						Containers & Preservatives										
Sample Identification	Sample Date	Sample Time	Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y / N)	Composite=C / Grab=G	Metals		Sample Specific Notes / Special Instructions:
S-12616-072413-DEN-183	7/24/13	1735				X							1		N	G	X		
184		1740				X							1				X		
185		1745				X							1				X		
186		1750				X							1				X		
187		1755				X							1				X		
188		1800				X							1				X		
189		1805				X							1				X		
190		1810				X							1				X		
191		1815				X							1				X		
192		1820				X							1				X		
193		1825				X							1				X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☒ Return to Client ☒ Disposal By Lab ☒ Archive For 3 Months

Special Instructions/QC Requirements & Comments:

HOLD All Samples

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	CRA	7/24/13 1700	[signature]	TA	7-25-13 920
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018- 1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 72234**
Canton Facility

Client CRA Site Name _____ Cooler unpacked by:

Cooler Received on 7-25-13 Opened on 7-25-13

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF –1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 4	(CF 0 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	☑ See Multiple Cooler Form
IR GUN# 5	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 8	(CF -0 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC376062
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative **Login # :** _____
Canton Facility

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Nott	8	19.6	19.6	none
Client	1	20.1	20.1	1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-3182-1
Client Project/Site: 12616, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
09/12/2011 07:54:44 AM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-3182-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616, Racer Elyria

Report Number: 240-3182-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 08/25/2011 and 08/27/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.4 and 2.5 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-12616-082311-DN-01 (240-3182-1), WG-12616-082311-DN-02 (240-3182-2), WG-12616-082411-DN-03 (240-3182-3), WG-12616-082411-DN-04 (240-3182-4), WG-12616-082411-DN-05 (240-3182-5), WG-12616-082411-DN-06 (240-3182-6), WG-12616-082411-DN-07 (240-3182-7), WG-12616-082411-DN-08 (240-3182-8), WG-12616-082411-DN-09 (240-3182-9), TB-082411-001 (240-3182-10), WG-12616-082511-DN-10 (240-3182-1), WG-12616-082511-DN-11 (240-3182-2), WG-12616-082511-DN-12 (240-3182-3), WG-12616-082511-DN-13 (240-3182-4), WG-12616-082511-DN-14 (240-3182-5), WG-12616-082511-DN-15 (240-3182-6), WG-12616-082511-DN-16 (240-3182-7), WG-12616-082511-DN-17 (240-3182-8), WG-12616-082611-DN-18 (240-3182-9), WG-12616-082611-DN-19 (240-3182-10), WG-12616-082611-DN-20 (240-3182-11), WG-12616-082611-DN-21 (240-3182-12), WG-12616-082611-DN-22 (240-3182-13), WG-12616-082611-DN-23 (240-3182-14), WG-12616-082611-DN-24 (240-3182-15), WG-12616-082611-DN-25 (240-3182-16) and WG-12616-082611-DN-26 (240-3182-17) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/03/2011, 09/05/2011, 09/07/2011 and 09/08/2011.

Methylene Chloride was detected in method blank MB 240-14333/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above

Job ID: 240-3182-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

the MDL and/or RL, the result has been “B” flagged. Methylene Chloride was detected in method blank MB 240-14481/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

1,1,2,2-Tetrachloroethane failed the recovery criteria high for LCS 240-14543/4.

Sample WG-12616-082611-DN-26 (240-3272-17)[18X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-3182-1	WG-12616-082311-DN-01	Water	08/23/11 16:05	08/25/11 09:20
240-3182-2	WG-12616-082311-DN-02	Water	08/23/11 17:55	08/25/11 09:20
240-3182-3	WG-12616-082411-DN-03	Water	08/24/11 09:05	08/25/11 09:20
240-3182-4	WG-12616-082411-DN-04	Water	08/24/11 10:30	08/25/11 09:20
240-3182-5	WG-12616-082411-DN-05	Water	08/24/11 11:50	08/25/11 09:20
240-3182-6	WG-12616-082411-DN-06	Water	08/24/11 13:15	08/25/11 09:20
240-3182-7	WG-12616-082411-DN-07	Water	08/24/11 15:20	08/25/11 09:20
240-3182-8	WG-12616-082411-DN-08	Water	08/24/11 16:40	08/25/11 09:20
240-3182-9	WG-12616-082411-DN-09	Water	08/24/11 18:05	08/25/11 09:20
240-3182-10	TB-082411-001	Water	08/24/11 00:00	08/25/11 09:20
240-3272-1	WG-12616-082511-DN-10	Water	08/25/11 09:25	08/27/11 09:30
240-3272-2	WG-12616-082511-DN-11	Water	08/25/11 09:50	08/27/11 09:30
240-3272-3	WG-12616-082511-DN-12	Water	08/25/11 12:40	08/27/11 09:30
240-3272-4	WG-12616-082511-DN-13	Water	08/25/11 14:00	08/27/11 09:30
240-3272-5	WG-12616-082511-DN-14	Water	08/25/11 15:10	08/27/11 09:30
240-3272-6	WG-12616-082511-DN-15	Water	08/25/11 16:35	08/27/11 09:30
240-3272-7	WG-12616-082511-DN-16	Water	08/25/11 18:05	08/27/11 09:30
240-3272-8	WG-12616-082511-DN-17	Water	08/25/11 19:45	08/27/11 09:30
240-3272-9	WG-12616-082611-DN-18	Water	08/26/11 07:30	08/27/11 09:30
240-3272-10	WG-12616-082611-DN-19	Water	08/26/11 14:00	08/27/11 09:30
240-3272-11	WG-12616-082611-DN-20	Water	08/26/11 08:40	08/27/11 09:30
240-3272-12	WG-12616-082611-DN-21	Water	08/26/11 09:50	08/27/11 09:30
240-3272-13	WG-12616-082611-DN-22	Water	08/26/11 11:20	08/27/11 09:30
240-3272-14	WG-12616-082611-DN-23	Water	08/26/11 15:10	08/27/11 09:30
240-3272-15	WG-12616-082611-DN-24	Water	08/26/11 16:00	08/27/11 09:30
240-3272-16	WG-12616-082611-DN-25	Water	08/26/11 16:45	08/27/11 09:30
240-3272-17	WG-12616-082611-DN-26	Water	08/26/11 17:50	08/27/11 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082311-DN-01 — Lab Sample ID: 240-3182-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
Toluene	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082311-DN-02 — Lab Sample ID: 240-3182-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA
Toluene	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082411-DN-03 — Lab Sample ID: 240-3182-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082411-DN-04 — Lab Sample ID: 240-3182-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.15	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082411-DN-05 — Lab Sample ID: 240-3182-5

No Detections

Client Sample ID: WG-12616-082411-DN-06 — Lab Sample ID: 240-3182-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082411-DN-07 — Lab Sample ID: 240-3182-7

No Detections

Client Sample ID: WG-12616-082411-DN-08 — Lab Sample ID: 240-3182-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082411-DN-09 — Lab Sample ID: 240-3182-9

No Detections

Client Sample ID: TB-082411-001 — Lab Sample ID: 240-3182-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-10 — Lab Sample ID: 240-3272-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.4	J	10	1.1	ug/L	1		8260B	Total/NA
Toluene	0.16	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-11 — Lab Sample ID: 240-3272-2

Client Sample ID: WG-12616-082511-DN-11 (Continued) — Lab Sample ID: 240-3272-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.16	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-12 — Lab Sample ID: 240-3272-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-13 — Lab Sample ID: 240-3272-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-14 — Lab Sample ID: 240-3272-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-15 — Lab Sample ID: 240-3272-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082511-DN-16 — Lab Sample ID: 240-3272-7

No Detections

Client Sample ID: WG-12616-082511-DN-17 — Lab Sample ID: 240-3272-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082611-DN-18 — Lab Sample ID: 240-3272-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082611-DN-19 — Lab Sample ID: 240-3272-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082611-DN-20 — Lab Sample ID: 240-3272-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082611-DN-21 — Lab Sample ID: 240-3272-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	0.27	J	1.0	0.17	ug/L	1		8260B	Total/NA

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-22 — Lab Sample ID: 240-3272-13

No Detections

Client Sample ID: WG-12616-082611-DN-23 — Lab Sample ID: 240-3272-14

No Detections

Client Sample ID: WG-12616-082611-DN-24 — Lab Sample ID: 240-3272-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	30		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.7	J	10	0.57	ug/L	1		8260B	Total/NA
Toluene	0.17	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082611-DN-25 — Lab Sample ID: 240-3272-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.82	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.5		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082611-DN-26 — Lab Sample ID: 240-3272-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	580		18	3.1	ug/L	18.182		8260B	Total/NA
Vinyl chloride	55		18	4.0	ug/L	18.182		8260B	Total/NA
cis-1,2-Dichloroethene	450		18	3.1	ug/L	18.182		8260B	Total/NA
trans-1,2-Dichloroethene	220		18	3.5	ug/L	18.182		8260B	Total/NA

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082311-DN-01
Date Collected: 08/23/11 16:05
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.1**	**J**	10	1.1	ug/L			09/03/11 04:08	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 04:08	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 04:08	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 04:08	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 04:08	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 04:08	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 04:08	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 04:08	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 04:08	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 04:08	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 04:08	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 04:08	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 04:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 04:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 04:08	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 04:08	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 04:08	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 04:08	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 04:08	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 04:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 04:08	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 04:08	1
Toluene	**0.14**	**J**	1.0	0.13	ug/L			09/03/11 04:08	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 04:08	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 04:08	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 04:08	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 04:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 04:08	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 04:08	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 04:08	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 04:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 04:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 04:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 04:08	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 04:08	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 04:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 04:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 04:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 04:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 04:08	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 04:08	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 04:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082311-DN-01
Date Collected: 08/23/11 16:05
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-1
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		09/03/11 04:08	1
4-Bromofluorobenzene (Surr)	96		66 - 117		09/03/11 04:08	1
Toluene-d8 (Surr)	100		74 - 115		09/03/11 04:08	1
Dibromofluoromethane (Surr)	92		75 - 121		09/03/11 04:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082311-DN-02
Date Collected: 08/23/11 17:55
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.3**	**J**	10	1.1	ug/L			09/03/11 04:31	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 04:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 04:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 04:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 04:31	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 04:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 04:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 04:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 04:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 04:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 04:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 04:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 04:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 04:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 04:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 04:31	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 04:31	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 04:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 04:31	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 04:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 04:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 04:31	1
Toluene	**0.14**	**J**	1.0	0.13	ug/L			09/03/11 04:31	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 04:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 04:31	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 04:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 04:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 04:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 04:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 04:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 04:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 04:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 04:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 04:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 04:31	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 04:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 04:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 04:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 04:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 04:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 04:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082311-DN-02
Date Collected: 08/23/11 17:55
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-2
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/03/11 04:31	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/03/11 04:31	1
Toluene-d8 (Surr)	102		74 - 115		09/03/11 04:31	1
Dibromofluoromethane (Surr)	95		75 - 121		09/03/11 04:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-03
Date Collected: 08/24/11 09:05
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/03/11 04:53	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 04:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 04:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 04:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 04:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 04:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 04:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 04:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 04:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 04:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 04:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 04:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 04:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 04:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 04:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 04:53	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 04:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 04:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 04:53	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 04:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 04:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 04:53	1
Toluene	**0.14**	**J**	1.0	0.13	ug/L			09/03/11 04:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 04:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 04:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 04:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 04:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 04:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 04:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 04:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 04:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 04:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 04:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 04:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 04:53	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 04:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 04:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 04:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 04:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 04:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 04:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 04:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-03
Date Collected: 08/24/11 09:05
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-3
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		09/03/11 04:53	1
4-Bromofluorobenzene (Surr)	99		66 - 117		09/03/11 04:53	1
Toluene-d8 (Surr)	106		74 - 115		09/03/11 04:53	1
Dibromofluoromethane (Surr)	98		75 - 121		09/03/11 04:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-04
Date Collected: 08/24/11 10:30
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/03/11 05:16	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 05:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 05:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 05:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 05:16	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 05:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 05:16	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 05:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 05:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 05:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 05:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 05:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 05:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 05:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 05:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 05:16	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 05:16	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 05:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 05:16	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 05:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 05:16	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 05:16	1
Toluene	**0.15**	**J**	1.0	0.13	ug/L			09/03/11 05:16	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 05:16	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 05:16	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 05:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 05:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 05:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 05:16	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 05:16	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 05:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 05:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 05:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 05:16	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 05:16	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 05:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 05:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 05:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 05:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 05:16	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 05:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 05:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-04
Date Collected: 08/24/11 10:30
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-4
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*09/03/11 05:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*66 - 117*		*09/03/11 05:16*	*1*
Toluene-d8 (Surr)	*100*		*74 - 115*		*09/03/11 05:16*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*09/03/11 05:16*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-05
Date Collected: 08/24/11 11:50
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/03/11 05:38	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 05:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 05:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 05:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 05:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 05:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 05:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 05:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 05:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 05:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 05:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 05:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 05:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 05:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 05:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 05:38	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 05:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 05:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 05:38	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 05:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 05:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 05:38	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 05:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 05:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 05:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 05:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 05:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 05:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 05:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 05:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 05:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 05:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 05:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 05:38	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 05:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 05:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 05:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 05:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 05:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 05:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 05:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-05
Date Collected: 08/24/11 11:50
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-5
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/03/11 05:38	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/03/11 05:38	1
Toluene-d8 (Surr)	102		74 - 115		09/03/11 05:38	1
Dibromofluoromethane (Surr)	93		75 - 121		09/03/11 05:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-06
Date Collected: 08/24/11 13:15
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.5	J	10	1.1	ug/L			09/03/11 06:00	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 06:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 06:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 06:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 06:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 06:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 06:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 06:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 06:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 06:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 06:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 06:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 06:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 06:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 06:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 06:00	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 06:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 06:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 06:00	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 06:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 06:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 06:00	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 06:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 06:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 06:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 06:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 06:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 06:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 06:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 06:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 06:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 06:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 06:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 06:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 06:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 06:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 06:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 06:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 06:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 06:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 06:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-06
Date Collected: 08/24/11 13:15
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-6
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		09/03/11 06:00	1
4-Bromofluorobenzene (Surr)	99		66 - 117		09/03/11 06:00	1
Toluene-d8 (Surr)	103		74 - 115		09/03/11 06:00	1
Dibromofluoromethane (Surr)	95		75 - 121		09/03/11 06:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-07
Date Collected: 08/24/11 15:20
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/03/11 06:22	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 06:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 06:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 06:22	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 06:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 06:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 06:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 06:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 06:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 06:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 06:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 06:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 06:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 06:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 06:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 06:22	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 06:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 06:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 06:22	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 06:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 06:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 06:22	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 06:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 06:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 06:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 06:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 06:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 06:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 06:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 06:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 06:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 06:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 06:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 06:22	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 06:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 06:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 06:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 06:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 06:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 06:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 06:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-07
Date Collected: 08/24/11 15:20
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-7
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		09/03/11 06:22	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/03/11 06:22	1
Toluene-d8 (Surr)	102		74 - 115		09/03/11 06:22	1
Dibromofluoromethane (Surr)	95		75 - 121		09/03/11 06:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-08
Date Collected: 08/24/11 16:40
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.5	J	10	1.1	ug/L			09/03/11 06:44	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 06:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 06:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 06:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 06:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 06:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 06:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 06:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 06:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 06:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 06:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 06:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 06:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 06:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 06:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 06:44	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 06:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 06:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 06:44	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 06:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 06:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 06:44	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 06:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 06:44	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 06:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 06:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 06:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 06:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 06:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 06:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 06:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 06:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 06:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 06:44	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 06:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 06:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 06:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 06:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 06:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 06:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 06:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-08
Date Collected: 08/24/11 16:40
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-8
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		09/03/11 06:44	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/03/11 06:44	1
Toluene-d8 (Surr)	101		74 - 115		09/03/11 06:44	1
Dibromofluoromethane (Surr)	92		75 - 121		09/03/11 06:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-09
Date Collected: 08/24/11 18:05
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/03/11 07:07	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 07:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 07:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 07:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 07:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 07:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 07:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 07:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 07:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 07:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 07:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 07:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 07:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 07:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 07:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 07:07	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 07:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 07:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 07:07	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 07:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 07:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 07:07	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 07:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 07:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 07:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 07:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 07:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 07:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 07:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 07:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 07:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 07:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 07:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 07:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 07:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 07:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 07:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 07:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 07:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 07:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 07:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082411-DN-09
Date Collected: 08/24/11 18:05
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-9
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		09/03/11 07:07	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/03/11 07:07	1
Toluene-d8 (Surr)	98		74 - 115		09/03/11 07:07	1
Dibromofluoromethane (Surr)	94		75 - 121		09/03/11 07:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: TB-082411-001
Date Collected: 08/24/11 00:00
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J	10	1.1	ug/L			09/03/11 07:29	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 07:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 07:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 07:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 07:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 07:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 07:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 07:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 07:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 07:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 07:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 07:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 07:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 07:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 07:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 07:29	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 07:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 07:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 07:29	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 07:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 07:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 07:29	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 07:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 07:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 07:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 07:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 07:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 07:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 07:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 07:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 07:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 07:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 07:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 07:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 07:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 07:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 07:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 07:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 07:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 07:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 07:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: TB-082411-001
Date Collected: 08/24/11 00:00
Date Received: 08/25/11 09:20

Lab Sample ID: 240-3182-10
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		09/03/11 07:29	1
4-Bromofluorobenzene (Surr)	95		66 - 117		09/03/11 07:29	1
Toluene-d8 (Surr)	99		74 - 115		09/03/11 07:29	1
Dibromofluoromethane (Surr)	93		75 - 121		09/03/11 07:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-10
Date Collected: 08/25/11 09:25
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.4**	**J**	10	1.1	ug/L			09/07/11 05:58	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 05:58	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 05:58	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 05:58	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 05:58	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 05:58	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 05:58	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 05:58	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 05:58	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 05:58	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 05:58	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 05:58	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 05:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 05:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 05:58	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 05:58	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 05:58	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 05:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 05:58	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 05:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 05:58	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 05:58	1
Toluene	**0.16**	**J**	1.0	0.13	ug/L			09/07/11 05:58	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 05:58	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 05:58	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 05:58	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 05:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 05:58	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 05:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 05:58	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 05:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 05:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 05:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 05:58	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 05:58	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 05:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 05:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 05:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 05:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 05:58	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 05:58	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 05:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-10
Date Collected: 08/25/11 09:25
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-1
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		09/07/11 05:58	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/07/11 05:58	1
Toluene-d8 (Surr)	98		74 - 115		09/07/11 05:58	1
Dibromofluoromethane (Surr)	97		75 - 121		09/07/11 05:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-11
Date Collected: 08/25/11 09:50
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/07/11 06:21	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 06:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 06:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 06:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 06:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 06:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 06:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 06:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 06:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 06:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 06:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 06:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 06:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 06:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 06:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 06:21	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 06:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 06:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 06:21	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 06:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 06:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 06:21	1
Toluene	**0.16**	**J**	1.0	0.13	ug/L			09/07/11 06:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 06:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 06:21	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 06:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 06:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 06:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 06:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 06:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 06:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 06:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 06:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 06:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 06:21	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 06:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 06:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 06:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 06:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 06:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 06:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 06:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-11
Date Collected: 08/25/11 09:50
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-2
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/07/11 06:21	1
4-Bromofluorobenzene (Surr)	93		66 - 117		09/07/11 06:21	1
Toluene-d8 (Surr)	97		74 - 115		09/07/11 06:21	1
Dibromofluoromethane (Surr)	96		75 - 121		09/07/11 06:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-12
Date Collected: 08/25/11 12:40
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.0	J	10	1.1	ug/L			09/07/11 06:43	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 06:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 06:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 06:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 06:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 06:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 06:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 06:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 06:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 06:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 06:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 06:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 06:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 06:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 06:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 06:43	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 06:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 06:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 06:43	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 06:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 06:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 06:43	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 06:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 06:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 06:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 06:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 06:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 06:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 06:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 06:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 06:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 06:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 06:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 06:43	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 06:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 06:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 06:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 06:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 06:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 06:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 06:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-12
Date Collected: 08/25/11 12:40
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-3
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		09/07/11 06:43	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/07/11 06:43	1
Toluene-d8 (Surr)	102		74 - 115		09/07/11 06:43	1
Dibromofluoromethane (Surr)	99		75 - 121		09/07/11 06:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-13
Date Collected: 08/25/11 14:00
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.5	J	10	1.1	ug/L			09/07/11 07:05	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 07:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 07:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 07:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 07:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 07:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 07:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 07:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 07:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 07:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 07:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 07:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 07:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 07:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 07:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 07:05	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 07:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 07:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 07:05	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 07:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 07:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 07:05	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 07:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 07:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 07:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 07:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 07:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 07:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 07:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 07:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 07:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 07:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 07:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 07:05	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 07:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 07:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 07:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 07:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 07:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 07:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 07:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-13
Date Collected: 08/25/11 14:00
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-4
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/07/11 07:05	1
4-Bromofluorobenzene (Surr)	93		66 - 117		09/07/11 07:05	1
Toluene-d8 (Surr)	98		74 - 115		09/07/11 07:05	1
Dibromofluoromethane (Surr)	95		75 - 121		09/07/11 07:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-14
Date Collected: 08/25/11 15:10
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J	10	1.1	ug/L			09/07/11 19:42	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 19:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 19:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 19:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 19:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 19:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 19:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 19:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 19:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 19:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 19:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 19:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 19:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 19:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 19:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 19:42	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 19:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 19:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 19:42	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 19:42	1
1,1,2,2-Tetrachloroethane	1.0	U *	1.0	0.18	ug/L			09/07/11 19:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 19:42	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 19:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 19:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 19:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 19:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 19:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 19:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 19:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 19:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 19:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 19:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 19:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 19:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 19:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 19:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 19:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 19:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 19:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 19:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 19:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-14
Date Collected: 08/25/11 15:10
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-5
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 129*		*09/07/11 19:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*		*09/07/11 19:42*	*1*
Toluene-d8 (Surr)	*109*		*74 - 115*		*09/07/11 19:42*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*09/07/11 19:42*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-15
Date Collected: 08/25/11 16:35
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J	10	1.1	ug/L			09/07/11 07:50	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 07:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 07:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 07:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 07:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 07:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 07:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 07:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 07:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 07:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 07:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 07:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 07:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 07:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 07:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 07:50	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 07:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 07:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 07:50	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 07:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 07:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 07:50	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 07:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 07:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 07:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 07:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 07:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 07:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 07:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 07:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 07:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 07:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 07:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 07:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 07:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 07:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 07:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 07:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 07:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 07:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 07:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-15
Date Collected: 08/25/11 16:35
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-6
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		09/07/11 07:50	1
4-Bromofluorobenzene (Surr)	95		66 - 117		09/07/11 07:50	1
Toluene-d8 (Surr)	102		74 - 115		09/07/11 07:50	1
Dibromofluoromethane (Surr)	99		75 - 121		09/07/11 07:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-16
Date Collected: 08/25/11 18:05
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/07/11 08:12	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 08:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 08:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 08:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 08:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 08:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 08:12	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 08:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 08:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 08:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 08:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 08:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 08:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 08:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 08:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 08:12	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 08:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 08:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 08:12	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 08:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 08:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 08:12	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 08:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 08:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 08:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 08:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 08:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 08:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 08:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 08:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 08:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 08:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 08:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 08:12	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 08:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 08:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 08:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 08:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 08:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 08:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 08:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-16
Date Collected: 08/25/11 18:05
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-7
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/07/11 08:12	1
4-Bromofluorobenzene (Surr)	91		66 - 117		09/07/11 08:12	1
Toluene-d8 (Surr)	97		74 - 115		09/07/11 08:12	1
Dibromofluoromethane (Surr)	97		75 - 121		09/07/11 08:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-17
Date Collected: 08/25/11 19:45
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J	10	1.1	ug/L			09/05/11 06:36	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 06:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 06:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 06:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 06:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 06:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 06:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 06:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 06:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 06:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 06:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 06:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 06:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 06:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 06:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 06:36	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 06:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/05/11 06:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 06:36	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 06:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 06:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 06:36	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 06:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 06:36	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 06:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 06:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 06:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 06:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 06:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 06:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 06:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 06:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 06:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 06:36	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 06:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 06:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 06:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 06:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 06:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 06:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 06:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082511-DN-17
Date Collected: 08/25/11 19:45
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-8
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		09/05/11 06:36	1
4-Bromofluorobenzene (Surr)	92		66 - 117		09/05/11 06:36	1
Toluene-d8 (Surr)	101		74 - 115		09/05/11 06:36	1
Dibromofluoromethane (Surr)	98		75 - 121		09/05/11 06:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-18
Date Collected: 08/26/11 07:30
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.5	J	10	1.1	ug/L			09/05/11 06:59	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 06:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 06:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 06:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 06:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 06:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 06:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 06:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 06:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 06:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 06:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 06:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 06:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 06:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 06:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 06:59	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 06:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/05/11 06:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 06:59	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 06:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 06:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 06:59	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 06:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 06:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 06:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 06:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 06:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 06:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 06:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 06:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 06:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 06:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 06:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 06:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 06:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 06:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 06:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 06:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 06:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 06:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 06:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-18
Date Collected: 08/26/11 07:30
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-9
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		09/05/11 06:59	1
4-Bromofluorobenzene (Surr)	92		66 - 117		09/05/11 06:59	1
Toluene-d8 (Surr)	102		74 - 115		09/05/11 06:59	1
Dibromofluoromethane (Surr)	99		75 - 121		09/05/11 06:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-19
Date Collected: 08/26/11 14:00
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J	10	1.1	ug/L			09/05/11 07:21	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 07:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 07:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 07:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 07:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 07:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 07:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 07:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 07:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 07:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 07:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 07:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 07:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 07:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 07:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 07:21	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 07:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/05/11 07:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 07:21	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 07:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 07:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 07:21	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 07:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 07:21	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 07:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 07:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 07:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 07:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 07:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 07:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 07:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 07:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 07:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 07:21	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 07:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 07:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 07:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 07:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 07:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 07:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 07:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-19
Date Collected: 08/26/11 14:00
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-10
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		09/05/11 07:21	1
4-Bromofluorobenzene (Surr)	93		66 - 117		09/05/11 07:21	1
Toluene-d8 (Surr)	100		74 - 115		09/05/11 07:21	1
Dibromofluoromethane (Surr)	97		75 - 121		09/05/11 07:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-20
Date Collected: 08/26/11 08:40
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			09/05/11 07:43	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 07:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 07:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 07:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 07:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 07:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 07:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 07:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 07:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 07:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 07:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 07:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 07:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 07:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 07:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 07:43	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 07:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/05/11 07:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 07:43	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 07:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 07:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 07:43	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 07:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 07:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 07:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 07:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 07:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 07:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 07:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 07:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 07:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 07:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 07:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 07:43	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 07:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 07:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 07:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 07:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 07:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 07:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 07:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-20
Date Collected: 08/26/11 08:40
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-11
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		09/05/11 07:43	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/05/11 07:43	1
Toluene-d8 (Surr)	101		74 - 115		09/05/11 07:43	1
Dibromofluoromethane (Surr)	95		75 - 121		09/05/11 07:43	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-21
Date Collected: 08/26/11 09:50
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.8**	**J**	10	1.1	ug/L			09/05/11 08:28	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 08:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 08:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 08:28	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 08:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 08:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 08:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 08:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 08:28	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 08:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 08:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 08:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 08:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 08:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 08:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 08:28	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 08:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/05/11 08:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 08:28	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 08:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 08:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 08:28	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
Trichloroethene	**0.27**	**J**	1.0	0.17	ug/L			09/05/11 08:28	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 08:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 08:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 08:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 08:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 08:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 08:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 08:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 08:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 08:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 08:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 08:28	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 08:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 08:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 08:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 08:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 08:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 08:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 08:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-21
Date Collected: 08/26/11 09:50
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-12
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		09/05/11 08:28	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/05/11 08:28	1
Toluene-d8 (Surr)	101		74 - 115		09/05/11 08:28	1
Dibromofluoromethane (Surr)	95		75 - 121		09/05/11 08:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-22
Date Collected: 08/26/11 11:20
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/05/11 08:05	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 08:05	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 08:05	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 08:05	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 08:05	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 08:05	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 08:05	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 08:05	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 08:05	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 08:05	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 08:05	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 08:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 08:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 08:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 08:05	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 08:05	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 08:05	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/05/11 08:05	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 08:05	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 08:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 08:05	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 08:05	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 08:05	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 08:05	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 08:05	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 08:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 08:05	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 08:05	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 08:05	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 08:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 08:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 08:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 08:05	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 08:05	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 08:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 08:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 08:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 08:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 08:05	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 08:05	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 08:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-22
Date Collected: 08/26/11 11:20
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-13
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		09/05/11 08:05	1
4-Bromofluorobenzene (Surr)	94		66 - 117		09/05/11 08:05	1
Toluene-d8 (Surr)	101		74 - 115		09/05/11 08:05	1
Dibromofluoromethane (Surr)	100		75 - 121		09/05/11 08:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-23
Date Collected: 08/26/11 15:10
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/08/11 20:45	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 20:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 20:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 20:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 20:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 20:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 20:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 20:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 20:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 20:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 20:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 20:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 20:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 20:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 20:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 20:45	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 20:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 20:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 20:45	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 20:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 20:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 20:45	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 20:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 20:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 20:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 20:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 20:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 20:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 20:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 20:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 20:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 20:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 20:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 20:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 20:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 20:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 20:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 20:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 20:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 20:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 20:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-23
Date Collected: 08/26/11 15:10
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-14
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 129*		*09/08/11 20:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*66 - 117*		*09/08/11 20:45*	*1*
Toluene-d8 (Surr)	*105*		*74 - 115*		*09/08/11 20:45*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 121*		*09/08/11 20:45*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-24
Date Collected: 08/26/11 16:00
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**30**		10	1.1	ug/L			09/08/11 21:06	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 21:06	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 21:06	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 21:06	1
2-Butanone (MEK)	**1.7**	**J**	10	0.57	ug/L			09/08/11 21:06	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 21:06	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 21:06	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 21:06	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 21:06	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 21:06	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 21:06	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 21:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 21:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 21:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 21:06	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 21:06	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 21:06	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 21:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 21:06	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 21:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 21:06	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 21:06	1
Toluene	**0.17**	**J**	1.0	0.13	ug/L			09/08/11 21:06	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 21:06	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 21:06	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 21:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 21:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 21:06	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 21:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 21:06	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 21:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 21:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 21:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 21:06	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 21:06	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 21:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 21:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 21:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 21:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 21:06	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 21:06	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 21:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-24
Date Collected: 08/26/11 16:00
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-15
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		09/08/11 21:06	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/08/11 21:06	1
Toluene-d8 (Surr)	105		74 - 115		09/08/11 21:06	1
Dibromofluoromethane (Surr)	107		75 - 121		09/08/11 21:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-25
Date Collected: 08/26/11 16:45
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/07/11 19:11	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 19:11	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 19:11	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 19:11	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 19:11	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 19:11	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 19:11	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 19:11	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 19:11	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 19:11	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 19:11	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 19:11	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 19:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 19:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 19:11	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 19:11	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 19:11	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 19:11	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 19:11	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 19:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 19:11	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 19:11	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 19:11	1
Vinyl chloride	**0.82**	**J**	1.0	0.22	ug/L			09/07/11 19:11	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 19:11	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 19:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 19:11	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 19:11	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 19:11	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 19:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 19:11	1
cis-1,2-Dichloroethene	**4.5**		1.0	0.17	ug/L			09/07/11 19:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 19:11	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 19:11	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 19:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 19:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 19:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 19:11	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 19:11	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-25
Date Collected: 08/26/11 16:45
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-16
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		09/07/11 19:11	1
4-Bromofluorobenzene (Surr)	99		66 - 117		09/07/11 19:11	1
Toluene-d8 (Surr)	101		74 - 115		09/07/11 19:11	1
Dibromofluoromethane (Surr)	106		75 - 121		09/07/11 19:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-26
Date Collected: 08/26/11 17:50
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	180	U	180	20	ug/L			09/08/11 21:28	18.182
Benzene	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
Dichlorobromomethane	18	U	18	2.7	ug/L			09/08/11 21:28	18.182
Bromoform	18	U	18	12	ug/L			09/08/11 21:28	18.182
Bromomethane	18	U	18	7.5	ug/L			09/08/11 21:28	18.182
2-Butanone (MEK)	180	U	180	10	ug/L			09/08/11 21:28	18.182
Carbon disulfide	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
Carbon tetrachloride	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
Chlorobenzene	18	U	18	2.7	ug/L			09/08/11 21:28	18.182
Chloroethane	18	U	18	5.3	ug/L			09/08/11 21:28	18.182
Chloroform	18	U	18	2.9	ug/L			09/08/11 21:28	18.182
Chloromethane	18	U	18	5.5	ug/L			09/08/11 21:28	18.182
1,1-Dichloroethane	18	U	18	2.7	ug/L			09/08/11 21:28	18.182
1,2-Dichloroethane	18	U	18	4.0	ug/L			09/08/11 21:28	18.182
1,1-Dichloroethene	18	U	18	3.5	ug/L			09/08/11 21:28	18.182
1,2-Dichloropropane	18	U	18	3.3	ug/L			09/08/11 21:28	18.182
cis-1,3-Dichloropropene	18	U	18	2.5	ug/L			09/08/11 21:28	18.182
trans-1,3-Dichloropropene	18	U	18	3.5	ug/L			09/08/11 21:28	18.182
Ethylbenzene	18	U	18	3.1	ug/L			09/08/11 21:28	18.182
2-Hexanone	180	U	180	7.5	ug/L			09/08/11 21:28	18.182
Methylene Chloride	18	U	18	6.0	ug/L			09/08/11 21:28	18.182
4-Methyl-2-pentanone (MIBK)	180	U	180	5.8	ug/L			09/08/11 21:28	18.182
Styrene	18	U	18	2.0	ug/L			09/08/11 21:28	18.182
1,1,2,2-Tetrachloroethane	18	U	18	3.3	ug/L			09/08/11 21:28	18.182
Tetrachloroethene	18	U	18	5.3	ug/L			09/08/11 21:28	18.182
Toluene	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
Trichloroethene	**580**		18	3.1	ug/L			09/08/11 21:28	18.182
Vinyl chloride	**55**		18	4.0	ug/L			09/08/11 21:28	18.182
Xylenes, Total	36	U	36	5.1	ug/L			09/08/11 21:28	18.182
1,1,1-Trichloroethane	18	U	18	4.0	ug/L			09/08/11 21:28	18.182
1,1,2-Trichloroethane	18	U	18	4.9	ug/L			09/08/11 21:28	18.182
Cyclohexane	18	U	18	2.2	ug/L			09/08/11 21:28	18.182
1,2-Dibromo-3-Chloropropane	36	U	36	12	ug/L			09/08/11 21:28	18.182
Ethylene Dibromide	18	U	18	4.4	ug/L			09/08/11 21:28	18.182
Dichlorodifluoromethane	18	U	18	5.6	ug/L			09/08/11 21:28	18.182
cis-1,2-Dichloroethene	**450**		18	3.1	ug/L			09/08/11 21:28	18.182
trans-1,2-Dichloroethene	**220**		18	3.5	ug/L			09/08/11 21:28	18.182
Isopropylbenzene	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
Methyl acetate	180	U	180	6.9	ug/L			09/08/11 21:28	18.182
Methyl tert-butyl ether	91	U	91	3.1	ug/L			09/08/11 21:28	18.182
1,1,2-Trichloro-1,2,2-trifluoroethane	18	U	18	5.1	ug/L			09/08/11 21:28	18.182
1,2,4-Trichlorobenzene	18	U	18	2.7	ug/L			09/08/11 21:28	18.182
1,2-Dichlorobenzene	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
1,3-Dichlorobenzene	18	U	18	2.5	ug/L			09/08/11 21:28	18.182
1,4-Dichlorobenzene	18	U	18	2.4	ug/L			09/08/11 21:28	18.182
Trichlorofluoromethane	18	U	18	3.8	ug/L			09/08/11 21:28	18.182
Chlorodibromomethane	18	U	18	3.3	ug/L			09/08/11 21:28	18.182
Methylcyclohexane	18	U	18	2.4	ug/L			09/08/11 21:28	18.182

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-26
Date Collected: 08/26/11 17:50
Date Received: 08/27/11 09:30

Lab Sample ID: 240-3272-17
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		09/08/11 21:28	18.182
4-Bromofluorobenzene (Surr)	95		66 - 117		09/08/11 21:28	18.182
Toluene-d8 (Surr)	105		74 - 115		09/08/11 21:28	18.182
Dibromofluoromethane (Surr)	105		75 - 121		09/08/11 21:28	18.182

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-3182-1	WG-12616-082311-DN-01	86	96	100	92
240-3182-2	WG-12616-082311-DN-02	88	97	102	95
240-3182-3	WG-12616-082411-DN-03	89	99	106	98
240-3182-4	WG-12616-082411-DN-04	87	97	100	92
240-3182-5	WG-12616-082411-DN-05	88	98	102	93
240-3182-6	WG-12616-082411-DN-06	89	99	103	95
240-3182-7	WG-12616-082411-DN-07	91	98	102	95
240-3182-8	WG-12616-082411-DN-08	87	98	101	92
240-3182-9	WG-12616-082411-DN-09	86	94	98	94
240-3182-10	TB-082411-001	87	95	99	93
240-3272-1	WG-12616-082511-DN-10	89	94	98	97
240-3272-2	WG-12616-082511-DN-11	88	93	97	96
240-3272-3	WG-12616-082511-DN-12	91	98	102	99
240-3272-4	WG-12616-082511-DN-13	88	93	98	95
240-3272-5	WG-12616-082511-DN-14	84	100	109	90
240-3272-6	WG-12616-082511-DN-15	92	95	102	99
240-3272-7	WG-12616-082511-DN-16	88	91	97	97
240-3272-8	WG-12616-082511-DN-17	91	92	101	98
240-3272-9	WG-12616-082611-DN-18	90	92	102	99
240-3272-10	WG-12616-082611-DN-19	86	93	100	97
240-3272-11	WG-12616-082611-DN-20	90	94	101	95
240-3272-12	WG-12616-082611-DN-21	89	94	101	95
240-3272-12 MS	WG-12616-082611-DN-21	89	100	106	99
240-3272-12 MSD	WG-12616-082611-DN-21	82	96	100	93
240-3272-13	WG-12616-082611-DN-22	90	94	101	100
240-3272-14	WG-12616-082611-DN-23	108	99	105	108
240-3272-15	WG-12616-082611-DN-24	108	98	105	107
240-3272-16	WG-12616-082611-DN-25	105	99	101	106
240-3272-17	WG-12616-082611-DN-26	106	95	105	105
LCS 240-14273/4	Lab Control Sample	82	101	101	93
LCS 240-14333/4	Lab Control Sample	88	102	106	98
LCS 240-14481/4	Lab Control Sample	90	103	104	103
LCS 240-14519/4	Lab Control Sample	108	107	104	106
LCS 240-14543/4	Lab Control Sample	78	101	106	85
LCS 240-14686/4	Lab Control Sample	110	107	104	107
MB 240-14273/5	Method Blank	82	94	97	90
MB 240-14333/5	Method Blank	87	96	102	94
MB 240-14481/5	Method Blank	86	94	98	94
MB 240-14519/5	Method Blank	102	101	102	104
MB 240-14543/5	Method Blank	79	94	103	84
MB 240-14686/5	Method Blank	105	99	102	104

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-14273/5
Matrix: Water
Analysis Batch: 14273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/03/11 01:30	1
Benzene	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/03/11 01:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/03/11 01:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/03/11 01:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/03/11 01:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 01:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/03/11 01:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/03/11 01:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/03/11 01:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/03/11 01:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 01:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 01:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/03/11 01:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/03/11 01:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/03/11 01:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/03/11 01:30	1
2-Hexanone	10	U	10	0.41	ug/L			09/03/11 01:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/03/11 01:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/03/11 01:30	1
Styrene	1.0	U	1.0	0.11	ug/L			09/03/11 01:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/03/11 01:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/03/11 01:30	1
Toluene	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 01:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/03/11 01:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/03/11 01:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/03/11 01:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/03/11 01:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/03/11 01:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/03/11 01:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/03/11 01:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/03/11 01:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/03/11 01:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/03/11 01:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
Methyl acetate	10	U	10	0.38	ug/L			09/03/11 01:30	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/03/11 01:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/03/11 01:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/03/11 01:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/03/11 01:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/03/11 01:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/03/11 01:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/03/11 01:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14273/5
Matrix: Water
Analysis Batch: 14273

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*82*		*63 - 129*		*09/03/11 01:30*	*1*
4-Bromofluorobenzene (Surr)	*94*		*66 - 117*		*09/03/11 01:30*	*1*
Toluene-d8 (Surr)	*97*		*74 - 115*		*09/03/11 01:30*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*09/03/11 01:30*	*1*

Lab Sample ID: LCS 240-14273/4
Matrix: Water
Analysis Batch: 14273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	16.6		ug/L		83	43 - 136
Benzene	10.0	10.0		ug/L		100	83 - 112
Dichlorobromomethane	10.0	8.43		ug/L		84	72 - 121
Bromoform	10.0	6.11		ug/L		61	40 - 131
Bromomethane	10.0	8.96		ug/L		90	11 - 185
2-Butanone (MEK)	20.0	16.7		ug/L		84	60 - 126
Carbon disulfide	10.0	11.1		ug/L		111	62 - 142
Carbon tetrachloride	10.0	8.19		ug/L		82	66 - 128
Chlorobenzene	10.0	9.71		ug/L		97	85 - 110
Chloroethane	10.0	9.22		ug/L		92	25 - 153
Chloroform	10.0	9.44		ug/L		94	79 - 117
Chloromethane	10.0	8.81		ug/L		88	44 - 126
1,1-Dichloroethane	10.0	9.91		ug/L		99	82 - 115
1,2-Dichloroethane	10.0	8.55		ug/L		86	71 - 127
1,1-Dichloroethene	10.0	11.2		ug/L		112	78 - 131
1,2-Dichloropropane	10.0	10.0		ug/L		100	81 - 115
cis-1,3-Dichloropropene	10.0	7.51		ug/L		75	61 - 115
trans-1,3-Dichloropropene	10.0	7.51		ug/L		75	58 - 117
Ethylbenzene	10.0	9.78		ug/L		98	83 - 112
2-Hexanone	20.0	17.3		ug/L		87	55 - 133
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.4		ug/L		82	63 - 128
Styrene	10.0	9.74		ug/L		97	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.95		ug/L		100	68 - 118
Tetrachloroethene	10.0	9.07		ug/L		91	79 - 114
Toluene	10.0	10.2		ug/L		102	84 - 111
Trichloroethene	10.0	9.17		ug/L		92	76 - 117
Vinyl chloride	10.0	10.2		ug/L		102	53 - 127
1,1,1-Trichloroethane	10.0	8.39		ug/L		84	74 - 118
1,1,2-Trichloroethane	10.0	9.57		ug/L		96	80 - 112
Cyclohexane	10.0	9.46		ug/L		95	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.76		ug/L		78	42 - 136
Ethylene Dibromide	10.0	9.26		ug/L		93	79 - 113
Dichlorodifluoromethane	10.0	6.53		ug/L		65	19 - 129
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 113
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	83 - 117
Isopropylbenzene	10.0	9.33		ug/L		93	75 - 114
Methyl acetate	10.0	9.45	J	ug/L		95	58 - 131
Methyl tert-butyl ether	10.0	8.55		ug/L		86	52 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14273/4
Matrix: Water
Analysis Batch: 14273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.47		ug/L		95	74 - 151
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	48 - 135
1,2-Dichlorobenzene	10.0	9.50		ug/L		95	81 - 110
1,3-Dichlorobenzene	10.0	9.34		ug/L		93	80 - 110
1,4-Dichlorobenzene	10.0	9.19		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	7.79		ug/L		78	49 - 157
Chlorodibromomethane	10.0	7.92		ug/L		79	64 - 119
Methylcyclohexane	10.0	9.05		ug/L		91	56 - 127
m-Xylene & p-Xylene	20.0	19.1		ug/L		96	83 - 113
o-Xylene	10.0	9.70		ug/L		97	83 - 113

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*63 - 129*
4-Bromofluorobenzene (Surr)	*101*		*66 - 117*
Toluene-d8 (Surr)	*101*		*74 - 115*
Dibromofluoromethane (Surr)	*93*		*75 - 121*

Lab Sample ID: MB 240-14333/5
Matrix: Water
Analysis Batch: 14333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/05/11 01:02	1
Benzene	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/05/11 01:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/05/11 01:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/05/11 01:02	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/05/11 01:02	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 01:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/05/11 01:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/05/11 01:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/05/11 01:02	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/05/11 01:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 01:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 01:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/05/11 01:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/05/11 01:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/05/11 01:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/05/11 01:02	1
2-Hexanone	10	U	10	0.41	ug/L			09/05/11 01:02	1
Methylene Chloride	0.548	J	1.0	0.33	ug/L			09/05/11 01:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/05/11 01:02	1
Styrene	1.0	U	1.0	0.11	ug/L			09/05/11 01:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/05/11 01:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/05/11 01:02	1
Toluene	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 01:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14333/5
Matrix: Water
Analysis Batch: 14333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/05/11 01:02	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/05/11 01:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/05/11 01:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/05/11 01:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/05/11 01:02	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/05/11 01:02	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/05/11 01:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/05/11 01:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/05/11 01:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/05/11 01:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
Methyl acetate	10	U	10	0.38	ug/L			09/05/11 01:02	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/05/11 01:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/05/11 01:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/05/11 01:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/05/11 01:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/05/11 01:02	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/05/11 01:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/05/11 01:02	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*09/05/11 01:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*09/05/11 01:02*	*1*
Toluene-d8 (Surr)	*102*		*74 - 115*		*09/05/11 01:02*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 121*		*09/05/11 01:02*	*1*

Lab Sample ID: LCS 240-14333/4
Matrix: Water
Analysis Batch: 14333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	18.4		ug/L		92	43 - 136
Benzene	10.0	10.2		ug/L		102	83 - 112
Dichlorobromomethane	10.0	8.17		ug/L		82	72 - 121
Bromoform	10.0	5.41		ug/L		54	40 - 131
Bromomethane	10.0	6.62		ug/L		66	11 - 185
2-Butanone (MEK)	20.0	16.3		ug/L		82	60 - 126
Carbon disulfide	10.0	10.3		ug/L		103	62 - 142
Carbon tetrachloride	10.0	8.38		ug/L		84	66 - 128
Chlorobenzene	10.0	9.50		ug/L		95	85 - 110
Chloroethane	10.0	8.08		ug/L		81	25 - 153
Chloroform	10.0	9.60		ug/L		96	79 - 117
Chloromethane	10.0	10.3		ug/L		103	44 - 126
1,1-Dichloroethane	10.0	10.0		ug/L		100	82 - 115
1,2-Dichloroethane	10.0	8.41		ug/L		84	71 - 127
1,1-Dichloroethene	10.0	11.2		ug/L		112	78 - 131
1,2-Dichloropropane	10.0	9.59		ug/L		96	81 - 115

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14333/4
Matrix: Water
Analysis Batch: 14333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
cis-1,3-Dichloropropene	10.0	7.25		ug/L		73	61 - 115
trans-1,3-Dichloropropene	10.0	7.28		ug/L		73	58 - 117
Ethylbenzene	10.0	9.45		ug/L		95	83 - 112
2-Hexanone	20.0	16.1		ug/L		81	55 - 133
Methylene Chloride	10.0	11.3		ug/L		113	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.5		ug/L		78	63 - 128
Styrene	10.0	9.38		ug/L		94	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.72		ug/L		87	68 - 118
Tetrachloroethene	10.0	8.93		ug/L		89	79 - 114
Toluene	10.0	9.94		ug/L		99	84 - 111
Trichloroethene	10.0	9.79		ug/L		98	76 - 117
Vinyl chloride	10.0	10.7		ug/L		107	53 - 127
1,1,1-Trichloroethane	10.0	8.75		ug/L		88	74 - 118
1,1,2-Trichloroethane	10.0	9.39		ug/L		94	80 - 112
Cyclohexane	10.0	10.1		ug/L		101	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.32		ug/L		73	42 - 136
Ethylene Dibromide	10.0	8.86		ug/L		89	79 - 113
Dichlorodifluoromethane	10.0	6.68		ug/L		67	19 - 129
cis-1,2-Dichloroethene	10.0	9.92		ug/L		99	80 - 113
trans-1,2-Dichloroethene	10.0	10.4		ug/L		104	83 - 117
Isopropylbenzene	10.0	9.11		ug/L		91	75 - 114
Methyl acetate	10.0	8.17	J	ug/L		82	58 - 131
Methyl tert-butyl ether	10.0	8.27		ug/L		83	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.1		ug/L		101	74 - 151
1,2,4-Trichlorobenzene	10.0	9.13		ug/L		91	48 - 135
1,2-Dichlorobenzene	10.0	9.26		ug/L		93	81 - 110
1,3-Dichlorobenzene	10.0	8.85		ug/L		89	80 - 110
1,4-Dichlorobenzene	10.0	8.96		ug/L		90	82 - 110
Trichlorofluoromethane	10.0	9.07		ug/L		91	49 - 157
Chlorodibromomethane	10.0	7.19		ug/L		72	64 - 119
Methylcyclohexane	10.0	10.4		ug/L		104	56 - 127
m-Xylene & p-Xylene	20.0	18.6		ug/L		93	83 - 113
o-Xylene	10.0	9.71		ug/L		97	83 - 113

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*
4-Bromofluorobenzene (Surr)	*102*		*66 - 117*
Toluene-d8 (Surr)	*106*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: 240-3272-12 MS
Matrix: Water
Analysis Batch: 14333

Client Sample ID: WG-12616-082611-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	1.8	J	20.0	17.8		ug/L		80	33 - 145
Benzene	1.0	U	10.0	10.7		ug/L		107	72 - 121
Dichlorobromomethane	1.0	U	10.0	8.41		ug/L		84	67 - 120
Bromoform	1.0	U	10.0	5.31		ug/L		53	32 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-3272-12 MS
Matrix: Water
Analysis Batch: 14333

Client Sample ID: WG-12616-082611-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Bromomethane	1.0	U	10.0	8.28		ug/L		83	10 - 186
2-Butanone (MEK)	10	U	20.0	14.8		ug/L		74	54 - 129
Carbon disulfide	1.0	U	10.0	10.6		ug/L		106	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.59		ug/L		86	59 - 129
Chlorobenzene	1.0	U	10.0	9.96		ug/L		100	80 - 110
Chloroethane	1.0	U	10.0	9.11		ug/L		91	21 - 165
Chloroform	1.0	U	10.0	10.4		ug/L		104	76 - 118
Chloromethane	1.0	U	10.0	11.1		ug/L		111	33 - 132
1,1-Dichloroethane	1.0	U	10.0	10.5		ug/L		105	79 - 116
1,2-Dichloroethane	1.0	U	10.0	8.87		ug/L		89	68 - 129
1,1-Dichloroethene	1.0	U	10.0	11.2		ug/L		112	74 - 135
1,2-Dichloropropane	1.0	U	10.0	10.2		ug/L		102	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	7.11		ug/L		71	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	6.76		ug/L		68	46 - 116
Ethylbenzene	1.0	U	10.0	9.84		ug/L		98	75 - 116
2-Hexanone	10	U	20.0	15.1		ug/L		76	47 - 139
Methylene Chloride	1.0	U	10.0	10.8		ug/L		108	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.7		ug/L		74	56 - 131
Styrene	1.0	U	10.0	9.72		ug/L		97	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.1		ug/L		101	63 - 122
Tetrachloroethene	1.0	U	10.0	8.96		ug/L		90	70 - 117
Toluene	1.0	U	10.0	10.5		ug/L		105	78 - 114
Trichloroethene	0.27	J	10.0	9.64		ug/L		94	66 - 120
Vinyl chloride	1.0	U	10.0	11.1		ug/L		111	49 - 130
1,1,1-Trichloroethane	1.0	U	10.0	9.00		ug/L		90	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.50		ug/L		95	75 - 115
Cyclohexane	1.0	U	10.0	9.10		ug/L		91	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.85		ug/L		69	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.66		ug/L		87	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	6.10		ug/L		61	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	10.8		ug/L		108	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.9		ug/L		109	80 - 119
Isopropylbenzene	1.0	U	10.0	9.38		ug/L		94	68 - 116
Methyl acetate	10	U	10.0	6.52	J	ug/L		65	47 - 130
Methyl tert-butyl ether	5.0	U	10.0	8.21		ug/L		82	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	9.12		ug/L		91	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	9.11		ug/L		91	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	9.55		ug/L		96	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	9.16		ug/L		92	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	9.31		ug/L		93	75 - 110
Trichlorofluoromethane	1.0	U	10.0	9.38		ug/L		94	46 - 157
Chlorodibromomethane	1.0	U	10.0	7.31		ug/L		73	56 - 118
Methylcyclohexane	1.0	U	10.0	8.38		ug/L		84	49 - 127
m-Xylene & p-Xylene	2.0		20.0	19.3		ug/L		97	75 - 117
o-Xylene	1.0		10.0	10.1		ug/L		101	76 - 116

Surrogate	*MS % Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-3272-12 MS
Matrix: Water
Analysis Batch: 14333

Client Sample ID: WG-12616-082611-DN-21
Prep Type: Total/NA

Surrogate	MS % Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*
Toluene-d8 (Surr)	*106*		*74 - 115*
Dibromofluoromethane (Surr)	*99*		*75 - 121*

Lab Sample ID: 240-3272-12 MSD
Matrix: Water
Analysis Batch: 14333

Client Sample ID: WG-12616-082611-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Acetone	1.8	J	20.0	15.4		ug/L		68	33 - 145	14	30
Benzene	1.0	U	10.0	9.38		ug/L		94	72 - 121	13	30
Dichlorobromomethane	1.0	U	10.0	7.58		ug/L		76	67 - 120	10	30
Bromoform	1.0	U	10.0	4.96		ug/L		50	32 - 128	7	30
Bromomethane	1.0	U	10.0	6.26		ug/L		63	10 - 186	28	30
2-Butanone (MEK)	10	U	20.0	14.4		ug/L		72	54 - 129	3	30
Carbon disulfide	1.0	U	10.0	9.43		ug/L		94	57 - 147	12	30
Carbon tetrachloride	1.0	U	10.0	7.92		ug/L		79	59 - 129	8	30
Chlorobenzene	1.0	U	10.0	8.73		ug/L		87	80 - 110	13	30
Chloroethane	1.0	U	10.0	7.13		ug/L		71	21 - 165	24	30
Chloroform	1.0	U	10.0	8.97		ug/L		90	76 - 118	15	30
Chloromethane	1.0	U	10.0	9.59		ug/L		96	33 - 132	15	30
1,1-Dichloroethane	1.0	U	10.0	9.29		ug/L		93	79 - 116	12	30
1,2-Dichloroethane	1.0	U	10.0	7.93		ug/L		79	68 - 129	11	30
1,1-Dichloroethene	1.0	U	10.0	10.6		ug/L		106	74 - 135	6	30
1,2-Dichloropropane	1.0	U	10.0	9.17		ug/L		92	78 - 115	11	30
cis-1,3-Dichloropropene	1.0	U	10.0	6.43		ug/L		64	51 - 110	10	30
trans-1,3-Dichloropropene	1.0	U	10.0	6.10		ug/L		61	46 - 116	10	30
Ethylbenzene	1.0	U	10.0	8.53		ug/L		85	75 - 116	14	30
2-Hexanone	10	U	20.0	14.0		ug/L		70	47 - 139	8	30
Methylene Chloride	1.0	U	10.0	9.28		ug/L		93	63 - 128	15	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	13.8		ug/L		69	56 - 131	6	30
Styrene	1.0	U	10.0	8.47		ug/L		85	71 - 117	14	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.64		ug/L		96	63 - 122	5	30
Tetrachloroethene	1.0	U	10.0	8.05		ug/L		81	70 - 117	11	30
Toluene	1.0	U	10.0	9.04		ug/L		90	78 - 114	15	30
Trichloroethene	0.27	J	10.0	8.38		ug/L		81	66 - 120	14	30
Vinyl chloride	1.0	U	10.0	10.3		ug/L		103	49 - 130	7	30
1,1,1-Trichloroethane	1.0	U	10.0	8.28		ug/L		83	68 - 121	8	30
1,1,2-Trichloroethane	1.0	U	10.0	8.39		ug/L		84	75 - 115	12	30
Cyclohexane	1.0	U	10.0	9.97		ug/L		100	49 - 123	9	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.45		ug/L		65	32 - 139	6	30
Ethylene Dibromide	1.0	U	10.0	8.06		ug/L		81	74 - 113	7	30
Dichlorodifluoromethane	1.0	U	10.0	7.63		ug/L		76	17 - 128	22	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.42		ug/L		94	70 - 120	14	30
trans-1,2-Dichloroethene	1.0	U	10.0	9.60		ug/L		96	80 - 119	13	30
Isopropylbenzene	1.0	U	10.0	8.12		ug/L		81	68 - 116	14	30
Methyl acetate	10	U	10.0	6.18	J	ug/L		62	47 - 130	5	30
Methyl tert-butyl ether	5.0	U	10.0	7.38		ug/L		74	46 - 144	11	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	11.0		ug/L		110	70 - 152	19	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-3272-12 MSD
Matrix: Water
Analysis Batch: 14333

Client Sample ID: WG-12616-082611-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	1.0	U	10.0	8.52		ug/L		85	38 - 138	7	30
1,2-Dichlorobenzene	1.0	U	10.0	8.66		ug/L		87	75 - 111	10	30
1,3-Dichlorobenzene	1.0	U	10.0	8.51		ug/L		85	73 - 110	7	30
1,4-Dichlorobenzene	1.0	U	10.0	8.56		ug/L		86	75 - 110	8	30
Trichlorofluoromethane	1.0	U	10.0	9.34		ug/L		93	46 - 157	0	30
Chlorodibromomethane	1.0	U	10.0	6.58		ug/L		66	56 - 118	11	30
Methylcyclohexane	1.0	U	10.0	9.94		ug/L		99	49 - 127	17	30
m-Xylene & p-Xylene	2.0		20.0	17.0		ug/L		85	75 - 117	13	30
o-Xylene	1.0		10.0	8.81		ug/L		88	76 - 116	14	30

Surrogate	*MSD % Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*82*		*63 - 129*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*
Toluene-d8 (Surr)	*100*		*74 - 115*
Dibromofluoromethane (Surr)	*93*		*75 - 121*

Lab Sample ID: MB 240-14481/5
Matrix: Water
Analysis Batch: 14481

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/07/11 04:29	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 04:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 04:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 04:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 04:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 04:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 04:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 04:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 04:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 04:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 04:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 04:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 04:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 04:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 04:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 04:29	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 04:29	1
Methylene Chloride	0.362	J	1.0	0.33	ug/L			09/07/11 04:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 04:29	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 04:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 04:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 04:29	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 04:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 04:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14481/5
Matrix: Water
Analysis Batch: 14481

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 04:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 04:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 04:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 04:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 04:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 04:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 04:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 04:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 04:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 04:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 04:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 04:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 04:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 04:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 04:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 04:29	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*09/07/11 04:29*	*1*
4-Bromofluorobenzene (Surr)	*94*		*66 - 117*		*09/07/11 04:29*	*1*
Toluene-d8 (Surr)	*98*		*74 - 115*		*09/07/11 04:29*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 121*		*09/07/11 04:29*	*1*

Lab Sample ID: LCS 240-14481/4
Matrix: Water
Analysis Batch: 14481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	19.4		ug/L		97	43 - 136
Benzene	10.0	10.5		ug/L		105	83 - 112
Dichlorobromomethane	10.0	8.16		ug/L		82	72 - 121
Bromoform	10.0	5.29		ug/L		53	40 - 131
Bromomethane	10.0	7.75		ug/L		78	11 - 185
2-Butanone (MEK)	20.0	16.5		ug/L		83	60 - 126
Carbon disulfide	10.0	10.1		ug/L		101	62 - 142
Carbon tetrachloride	10.0	8.88		ug/L		89	66 - 128
Chlorobenzene	10.0	9.55		ug/L		96	85 - 110
Chloroethane	10.0	8.14		ug/L		81	25 - 153
Chloroform	10.0	9.97		ug/L		100	79 - 117
Chloromethane	10.0	10.5		ug/L		105	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	8.74		ug/L		87	71 - 127
1,1-Dichloroethene	10.0	11.3		ug/L		113	78 - 131
1,2-Dichloropropane	10.0	10.0		ug/L		100	81 - 115
cis-1,3-Dichloropropene	10.0	7.30		ug/L		73	61 - 115

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14481/4
Matrix: Water
Analysis Batch: 14481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,3-Dichloropropene	10.0	6.89		ug/L		69	58 - 117
Ethylbenzene	10.0	9.54		ug/L		95	83 - 112
2-Hexanone	20.0	15.8		ug/L		79	55 - 133
Methylene Chloride	10.0	11.2		ug/L		112	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.2		ug/L		76	63 - 128
Styrene	10.0	9.30		ug/L		93	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.01		ug/L		80	68 - 118
Tetrachloroethene	10.0	9.05		ug/L		91	79 - 114
Toluene	10.0	9.93		ug/L		99	84 - 111
Trichloroethene	10.0	10.8		ug/L		108	76 - 117
Vinyl chloride	10.0	10.8		ug/L		108	53 - 127
1,1,1-Trichloroethane	10.0	8.97		ug/L		90	74 - 118
1,1,2-Trichloroethane	10.0	9.06		ug/L		91	80 - 112
Cyclohexane	10.0	10.5		ug/L		105	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.09		ug/L		71	42 - 136
Ethylene Dibromide	10.0	8.61		ug/L		86	79 - 113
Dichlorodifluoromethane	10.0	6.26		ug/L		63	19 - 129
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 113
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	83 - 117
Isopropylbenzene	10.0	9.23		ug/L		92	75 - 114
Methyl acetate	10.0	8.57	J	ug/L		86	58 - 131
Methyl tert-butyl ether	10.0	8.19		ug/L		82	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.2		ug/L		112	74 - 151
1,2,4-Trichlorobenzene	10.0	9.22		ug/L		92	48 - 135
1,2-Dichlorobenzene	10.0	9.38		ug/L		94	81 - 110
1,3-Dichlorobenzene	10.0	9.20		ug/L		92	80 - 110
1,4-Dichlorobenzene	10.0	9.22		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	10.4		ug/L		104	49 - 157
Chlorodibromomethane	10.0	7.05		ug/L		71	64 - 119
Methylcyclohexane	10.0	10.6		ug/L		106	56 - 127
m-Xylene & p-Xylene	20.0	18.7		ug/L		94	83 - 113
o-Xylene	10.0	9.73		ug/L		97	83 - 113

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*
4-Bromofluorobenzene (Surr)	*103*		*66 - 117*
Toluene-d8 (Surr)	*104*		*74 - 115*
Dibromofluoromethane (Surr)	*103*		*75 - 121*

Lab Sample ID: MB 240-14519/5
Matrix: Water
Analysis Batch: 14519

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/07/11 13:22	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 13:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 13:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 13:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14519/5
Matrix: Water
Analysis Batch: 14519

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 13:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 13:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 13:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 13:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 13:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 13:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 13:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 13:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 13:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 13:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 13:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 13:22	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 13:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 13:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 13:22	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 13:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 13:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 13:22	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 13:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 13:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 13:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 13:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 13:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 13:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 13:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 13:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 13:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 13:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 13:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 13:22	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 13:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 13:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 13:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 13:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 13:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 13:22	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 129*		*09/07/11 13:22*	*1*
4-Bromofluorobenzene (Surr)	*101*		*66 - 117*		*09/07/11 13:22*	*1*
Toluene-d8 (Surr)	*102*		*74 - 115*		*09/07/11 13:22*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 121*		*09/07/11 13:22*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14519/4
Matrix: Water
Analysis Batch: 14519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	21.5		ug/L		108	43 - 136
Benzene	10.0	11.0		ug/L		110	83 - 112
Dichlorobromomethane	10.0	10.7		ug/L		107	72 - 121
Bromoform	10.0	8.77		ug/L		88	40 - 131
Bromomethane	10.0	11.1		ug/L		111	11 - 185
2-Butanone (MEK)	20.0	19.7		ug/L		99	60 - 126
Carbon disulfide	10.0	11.5		ug/L		115	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	10.6		ug/L		106	85 - 110
Chloroethane	10.0	9.71		ug/L		97	25 - 153
Chloroform	10.0	11.1		ug/L		111	79 - 117
Chloromethane	10.0	10.2		ug/L		102	44 - 126
1,1-Dichloroethane	10.0	11.5		ug/L		115	82 - 115
1,2-Dichloroethane	10.0	11.1		ug/L		111	71 - 127
1,1-Dichloroethene	10.0	11.7		ug/L		117	78 - 131
1,2-Dichloropropane	10.0	11.0		ug/L		110	81 - 115
cis-1,3-Dichloropropene	10.0	9.59		ug/L		96	61 - 115
trans-1,3-Dichloropropene	10.0	9.34		ug/L		93	58 - 117
Ethylbenzene	10.0	10.3		ug/L		103	83 - 112
2-Hexanone	20.0	19.0		ug/L		95	55 - 133
Methylene Chloride	10.0	10.9		ug/L		109	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.2		ug/L		101	63 - 128
Styrene	10.0	11.0		ug/L		110	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.3		ug/L		103	68 - 118
Tetrachloroethene	10.0	9.50		ug/L		95	79 - 114
Toluene	10.0	10.5		ug/L		105	84 - 111
Trichloroethene	10.0	9.26		ug/L		93	76 - 117
Vinyl chloride	10.0	10.3		ug/L		103	53 - 127
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	74 - 118
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 112
Cyclohexane	10.0	10.7		ug/L		107	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.66		ug/L		87	42 - 136
Ethylene Dibromide	10.0	10.2		ug/L		102	79 - 113
Dichlorodifluoromethane	10.0	7.97		ug/L		80	19 - 129
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	80 - 113
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	83 - 117
Isopropylbenzene	10.0	10.5		ug/L		105	75 - 114
Methyl acetate	10.0	9.78	J	ug/L		98	58 - 131
Methyl tert-butyl ether	10.0	9.64		ug/L		96	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.4		ug/L		114	74 - 151
1,2,4-Trichlorobenzene	10.0	7.89		ug/L		79	48 - 135
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	81 - 110
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	80 - 110
1,4-Dichlorobenzene	10.0	10.3		ug/L		103	82 - 110
Trichlorofluoromethane	10.0	13.9		ug/L		139	49 - 157
Chlorodibromomethane	10.0	9.80		ug/L		98	64 - 119
Methylcyclohexane	10.0	10.3		ug/L		103	56 - 127
m-Xylene & p-Xylene	20.0	20.8		ug/L		104	83 - 113
o-Xylene	10.0	10.3		ug/L		103	83 - 113

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14519/4
Matrix: Water
Analysis Batch: 14519

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 129*
4-Bromofluorobenzene (Surr)	*107*		*66 - 117*
Toluene-d8 (Surr)	*104*		*74 - 115*
Dibromofluoromethane (Surr)	*106*		*75 - 121*

Lab Sample ID: MB 240-14543/5
Matrix: Water
Analysis Batch: 14543

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/07/11 17:25	1
Benzene	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/07/11 17:25	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/07/11 17:25	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/07/11 17:25	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/07/11 17:25	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 17:25	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/07/11 17:25	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/07/11 17:25	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/07/11 17:25	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/07/11 17:25	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 17:25	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 17:25	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/07/11 17:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/07/11 17:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/07/11 17:25	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/07/11 17:25	1
2-Hexanone	10	U	10	0.41	ug/L			09/07/11 17:25	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/07/11 17:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/07/11 17:25	1
Styrene	1.0	U	1.0	0.11	ug/L			09/07/11 17:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/07/11 17:25	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/07/11 17:25	1
Toluene	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 17:25	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/07/11 17:25	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/07/11 17:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/07/11 17:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/07/11 17:25	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/07/11 17:25	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/07/11 17:25	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/07/11 17:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/07/11 17:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/07/11 17:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/07/11 17:25	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
Methyl acetate	10	U	10	0.38	ug/L			09/07/11 17:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14543/5
Matrix: Water
Analysis Batch: 14543

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/07/11 17:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/07/11 17:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/07/11 17:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/07/11 17:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/07/11 17:25	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/07/11 17:25	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/07/11 17:25	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*63 - 129*		*09/07/11 17:25*	*1*
4-Bromofluorobenzene (Surr)	*94*		*66 - 117*		*09/07/11 17:25*	*1*
Toluene-d8 (Surr)	*103*		*74 - 115*		*09/07/11 17:25*	*1*
Dibromofluoromethane (Surr)	*84*		*75 - 121*		*09/07/11 17:25*	*1*

Lab Sample ID: LCS 240-14543/4
Matrix: Water
Analysis Batch: 14543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	16.4		ug/L		82	43 - 136
Benzene	10.0	9.43		ug/L		94	83 - 112
Dichlorobromomethane	10.0	7.71		ug/L		77	72 - 121
Bromoform	10.0	6.25		ug/L		63	40 - 131
Bromomethane	10.0	6.80		ug/L		68	11 - 185
2-Butanone (MEK)	20.0	14.8		ug/L		74	60 - 126
Carbon disulfide	10.0	9.06		ug/L		91	62 - 142
Carbon tetrachloride	10.0	7.45		ug/L		75	66 - 128
Chlorobenzene	10.0	10.7		ug/L		107	85 - 110
Chloroethane	10.0	7.21		ug/L		72	25 - 153
Chloroform	10.0	8.90		ug/L		89	79 - 117
Chloromethane	10.0	10.2		ug/L		102	44 - 126
1,1-Dichloroethane	10.0	9.01		ug/L		90	82 - 115
1,2-Dichloroethane	10.0	8.00		ug/L		80	71 - 127
1,1-Dichloroethene	10.0	9.76		ug/L		98	78 - 131
1,2-Dichloropropane	10.0	9.12		ug/L		91	81 - 115
cis-1,3-Dichloropropene	10.0	7.33		ug/L		73	61 - 115
trans-1,3-Dichloropropene	10.0	8.25		ug/L		83	58 - 117
Ethylbenzene	10.0	10.6		ug/L		106	83 - 112
2-Hexanone	20.0	17.9		ug/L		90	55 - 133
Methylene Chloride	10.0	9.65		ug/L		97	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.0		ug/L		75	63 - 128
Styrene	10.0	10.6		ug/L		106	79 - 114
1,1,2,2-Tetrachloroethane	10.0	12.1	*	ug/L		121	68 - 118
Tetrachloroethene	10.0	9.57		ug/L		96	79 - 114
Toluene	10.0	10.7		ug/L		107	84 - 111
Trichloroethene	10.0	8.14		ug/L		81	76 - 117
Vinyl chloride	10.0	9.87		ug/L		99	53 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14543/4
Matrix: Water
Analysis Batch: 14543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
1,1,1-Trichloroethane	10.0	7.84		ug/L		78	74 - 118
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 112
Cyclohexane	10.0	8.80		ug/L		88	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.60		ug/L		86	42 - 136
Ethylene Dibromide	10.0	9.91		ug/L		99	79 - 113
Dichlorodifluoromethane	10.0	7.60		ug/L		76	19 - 129
cis-1,2-Dichloroethene	10.0	9.40		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.40		ug/L		94	83 - 117
Isopropylbenzene	10.0	9.96		ug/L		100	75 - 114
Methyl acetate	10.0	7.11	J	ug/L		71	58 - 131
Methyl tert-butyl ether	10.0	7.48		ug/L		75	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.31		ug/L		93	74 - 151
1,2,4-Trichlorobenzene	10.0	10.8		ug/L		108	48 - 135
1,2-Dichlorobenzene	10.0	10.9		ug/L		109	81 - 110
1,3-Dichlorobenzene	10.0	10.6		ug/L		106	80 - 110
1,4-Dichlorobenzene	10.0	10.9		ug/L		109	82 - 110
Trichlorofluoromethane	10.0	8.55		ug/L		86	49 - 157
Chlorodibromomethane	10.0	7.96		ug/L		80	64 - 119
Methylcyclohexane	10.0	8.78		ug/L		88	56 - 127
m-Xylene & p-Xylene	20.0	20.8		ug/L		104	83 - 113
o-Xylene	10.0	10.7		ug/L		107	83 - 113

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*78*		*63 - 129*
4-Bromofluorobenzene (Surr)	*101*		*66 - 117*
Toluene-d8 (Surr)	*106*		*74 - 115*
Dibromofluoromethane (Surr)	*85*		*75 - 121*

Lab Sample ID: MB 240-14686/5
Matrix: Water
Analysis Batch: 14686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/08/11 15:24	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 15:24	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 15:24	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 15:24	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 15:24	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 15:24	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 15:24	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 15:24	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 15:24	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 15:24	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 15:24	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 15:24	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 15:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14686/5
Matrix: Water
Analysis Batch: 14686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 15:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 15:24	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 15:24	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 15:24	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 15:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 15:24	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 15:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 15:24	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 15:24	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 15:24	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 15:24	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 15:24	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 15:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 15:24	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 15:24	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 15:24	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 15:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 15:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 15:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 15:24	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 15:24	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 15:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 15:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 15:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 15:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 15:24	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 15:24	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 15:24	1

Surrogate	*MB % Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*		*09/08/11 15:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*66 - 117*		*09/08/11 15:24*	*1*
Toluene-d8 (Surr)	*102*		*74 - 115*		*09/08/11 15:24*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 121*		*09/08/11 15:24*	*1*

Lab Sample ID: LCS 240-14686/4
Matrix: Water
Analysis Batch: 14686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	20.0	22.5		ug/L		113	43 - 136
Benzene	10.0	10.8		ug/L		108	83 - 112
Dichlorobromomethane	10.0	10.9		ug/L		109	72 - 121
Bromoform	10.0	9.27		ug/L		93	40 - 131
Bromomethane	10.0	10.2		ug/L		102	11 - 185

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14686/4
Matrix: Water
Analysis Batch: 14686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Butanone (MEK)	20.0	21.3		ug/L		107	60 - 126
Carbon disulfide	10.0	11.4		ug/L		114	62 - 142
Carbon tetrachloride	10.0	11.0		ug/L		110	66 - 128
Chlorobenzene	10.0	10.6		ug/L		106	85 - 110
Chloroethane	10.0	9.59		ug/L		96	25 - 153
Chloroform	10.0	11.2		ug/L		112	79 - 117
Chloromethane	10.0	10.2		ug/L		102	44 - 126
1,1-Dichloroethane	10.0	11.4		ug/L		114	82 - 115
1,2-Dichloroethane	10.0	11.2		ug/L		112	71 - 127
1,1-Dichloroethene	10.0	11.3		ug/L		113	78 - 131
1,2-Dichloropropane	10.0	11.0		ug/L		110	81 - 115
cis-1,3-Dichloropropene	10.0	9.60		ug/L		96	61 - 115
trans-1,3-Dichloropropene	10.0	9.41		ug/L		94	58 - 117
Ethylbenzene	10.0	10.4		ug/L		104	83 - 112
2-Hexanone	20.0	19.9		ug/L		100	55 - 133
Methylene Chloride	10.0	10.8		ug/L		108	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.3		ug/L		102	63 - 128
Styrene	10.0	10.8		ug/L		108	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	68 - 118
Tetrachloroethene	10.0	9.51		ug/L		95	79 - 114
Toluene	10.0	10.4		ug/L		104	84 - 111
Trichloroethene	10.0	9.68		ug/L		97	76 - 117
Vinyl chloride	10.0	10.2		ug/L		102	53 - 127
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	74 - 118
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 112
Cyclohexane	10.0	10.3		ug/L		103	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.22		ug/L		92	42 - 136
Ethylene Dibromide	10.0	10.3		ug/L		103	79 - 113
Dichlorodifluoromethane	10.0	7.99		ug/L		80	19 - 129
cis-1,2-Dichloroethene	10.0	11.0		ug/L		110	80 - 113
trans-1,2-Dichloroethene	10.0	10.8		ug/L		108	83 - 117
Isopropylbenzene	10.0	10.5		ug/L		105	75 - 114
Methyl acetate	10.0	9.79	J	ug/L		98	58 - 131
Methyl tert-butyl ether	10.0	9.90		ug/L		99	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.4		ug/L		114	74 - 151
1,2,4-Trichlorobenzene	10.0	7.92		ug/L		79	48 - 135
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	81 - 110
1,3-Dichlorobenzene	10.0	10.1		ug/L		101	80 - 110
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	82 - 110
Trichlorofluoromethane	10.0	13.3		ug/L		133	49 - 157
Chlorodibromomethane	10.0	10.2		ug/L		102	64 - 119
Methylcyclohexane	10.0	10.2		ug/L		102	56 - 127
m-Xylene & p-Xylene	20.0	20.8		ug/L		104	83 - 113
o-Xylene	10.0	10.3		ug/L		103	83 - 113

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*
4-Bromofluorobenzene (Surr)	*107*		*66 - 117*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14686/4
Matrix: Water
Analysis Batch: 14686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS % Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	104		74 - 115
Dibromofluoromethane (Surr)	107		75 - 121

GC/MS VOA

Analysis Batch: 14273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3182-1	WG-12616-082311-DN-01	Total/NA	Water	8260B	
240-3182-2	WG-12616-082311-DN-02	Total/NA	Water	8260B	
240-3182-3	WG-12616-082411-DN-03	Total/NA	Water	8260B	
240-3182-4	WG-12616-082411-DN-04	Total/NA	Water	8260B	
240-3182-5	WG-12616-082411-DN-05	Total/NA	Water	8260B	
240-3182-6	WG-12616-082411-DN-06	Total/NA	Water	8260B	
240-3182-7	WG-12616-082411-DN-07	Total/NA	Water	8260B	
240-3182-8	WG-12616-082411-DN-08	Total/NA	Water	8260B	
240-3182-9	WG-12616-082411-DN-09	Total/NA	Water	8260B	
240-3182-10	TB-082411-001	Total/NA	Water	8260B	
LCS 240-14273/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14273/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3272-8	WG-12616-082511-DN-17	Total/NA	Water	8260B	
240-3272-9	WG-12616-082611-DN-18	Total/NA	Water	8260B	
240-3272-10	WG-12616-082611-DN-19	Total/NA	Water	8260B	
240-3272-11	WG-12616-082611-DN-20	Total/NA	Water	8260B	
240-3272-12	WG-12616-082611-DN-21	Total/NA	Water	8260B	
240-3272-12 MS	WG-12616-082611-DN-21	Total/NA	Water	8260B	
240-3272-12 MSD	WG-12616-082611-DN-21	Total/NA	Water	8260B	
240-3272-13	WG-12616-082611-DN-22	Total/NA	Water	8260B	
LCS 240-14333/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14333/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3272-1	WG-12616-082511-DN-10	Total/NA	Water	8260B	
240-3272-2	WG-12616-082511-DN-11	Total/NA	Water	8260B	
240-3272-3	WG-12616-082511-DN-12	Total/NA	Water	8260B	
240-3272-4	WG-12616-082511-DN-13	Total/NA	Water	8260B	
240-3272-6	WG-12616-082511-DN-15	Total/NA	Water	8260B	
240-3272-7	WG-12616-082511-DN-16	Total/NA	Water	8260B	
LCS 240-14481/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14481/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3272-16	WG-12616-082611-DN-25	Total/NA	Water	8260B	
LCS 240-14519/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14519/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3272-5	WG-12616-082511-DN-14	Total/NA	Water	8260B	
LCS 240-14543/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14543/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3272-14	WG-12616-082611-DN-23	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 14686 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3272-15	WG-12616-082611-DN-24	Total/NA	Water	8260B	
240-3272-17	WG-12616-082611-DN-26	Total/NA	Water	8260B	
LCS 240-14686/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14686/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-082311-DN-01 — **Lab Sample ID: 240-3182-1**
Date Collected: 08/23/11 16:05 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 04:08	LW	TAL NC

Client Sample ID: WG-12616-082311-DN-02 — **Lab Sample ID: 240-3182-2**
Date Collected: 08/23/11 17:55 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 04:31	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-03 — **Lab Sample ID: 240-3182-3**
Date Collected: 08/24/11 09:05 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 04:53	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-04 — **Lab Sample ID: 240-3182-4**
Date Collected: 08/24/11 10:30 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 05:16	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-05 — **Lab Sample ID: 240-3182-5**
Date Collected: 08/24/11 11:50 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 05:38	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-06 — **Lab Sample ID: 240-3182-6**
Date Collected: 08/24/11 13:15 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 06:00	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-07 — **Lab Sample ID: 240-3182-7**
Date Collected: 08/24/11 15:20 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 06:22	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-08 — **Lab Sample ID: 240-3182-8**
Date Collected: 08/24/11 16:40 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 06:44	LW	TAL NC

Client Sample ID: WG-12616-082411-DN-09 — **Lab Sample ID: 240-3182-9**
Date Collected: 08/24/11 18:05 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 07:07	LW	TAL NC

Client Sample ID: TB-082411-001 — **Lab Sample ID: 240-3182-10**
Date Collected: 08/24/11 00:00 — **Matrix: Water**
Date Received: 08/25/11 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14273	09/03/11 07:29	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-10 — **Lab Sample ID: 240-3272-1**
Date Collected: 08/25/11 09:25 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14481	09/07/11 05:58	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-11 — **Lab Sample ID: 240-3272-2**
Date Collected: 08/25/11 09:50 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14481	09/07/11 06:21	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-12 — **Lab Sample ID: 240-3272-3**
Date Collected: 08/25/11 12:40 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14481	09/07/11 06:43	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-13 — **Lab Sample ID: 240-3272-4**
Date Collected: 08/25/11 14:00 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14481	09/07/11 07:05	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-14 — **Lab Sample ID: 240-3272-5**
Date Collected: 08/25/11 15:10 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14543	09/07/11 19:42	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-15 — **Lab Sample ID: 240-3272-6**
Date Collected: 08/25/11 16:35 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14481	09/07/11 07:50	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-16 — **Lab Sample ID: 240-3272-7**
Date Collected: 08/25/11 18:05 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14481	09/07/11 08:12	LW	TAL NC

Client Sample ID: WG-12616-082511-DN-17 — **Lab Sample ID: 240-3272-8**
Date Collected: 08/25/11 19:45 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14333	09/05/11 06:36	LW	TAL NC

Client Sample ID: WG-12616-082611-DN-18 — **Lab Sample ID: 240-3272-9**
Date Collected: 08/26/11 07:30 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14333	09/05/11 06:59	LW	TAL NC

Client Sample ID: WG-12616-082611-DN-19 — **Lab Sample ID: 240-3272-10**
Date Collected: 08/26/11 14:00 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14333	09/05/11 07:21	LW	TAL NC

Client Sample ID: WG-12616-082611-DN-20 — **Lab Sample ID: 240-3272-11**
Date Collected: 08/26/11 08:40 — **Matrix: Water**
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14333	09/05/11 07:43	LW	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Client Sample ID: WG-12616-082611-DN-21
Lab Sample ID: 240-3272-12

Date Collected: 08/26/11 09:50
Matrix: Water
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14333	09/05/11 08:28	LW	TAL NC

Client Sample ID: WG-12616-082611-DN-22
Lab Sample ID: 240-3272-13

Date Collected: 08/26/11 11:20
Matrix: Water
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14333	09/05/11 08:05	LW	TAL NC

Client Sample ID: WG-12616-082611-DN-23
Lab Sample ID: 240-3272-14

Date Collected: 08/26/11 15:10
Matrix: Water
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14686	09/08/11 20:45	LE	TAL NC

Client Sample ID: WG-12616-082611-DN-24
Lab Sample ID: 240-3272-15

Date Collected: 08/26/11 16:00
Matrix: Water
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14686	09/08/11 21:06	LE	TAL NC

Client Sample ID: WG-12616-082611-DN-25
Lab Sample ID: 240-3272-16

Date Collected: 08/26/11 16:45
Matrix: Water
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14519	09/07/11 19:11	LE	TAL NC

Client Sample ID: WG-12616-082611-DN-26
Lab Sample ID: 240-3272-17

Date Collected: 08/26/11 17:50
Matrix: Water
Date Received: 08/27/11 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		18.182	14686	09/08/11 21:28	LE	TAL NC

Laboratory References:
TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3182-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 027445
Address: 1805 E. Perkins Ave.	Telephone:	Telephone:	Telephone:	1 of 1 COCs
City/State/Zip: Sandusky, OH 44870	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below _____ ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: ELYRIA RFI	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-TOZ	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/ Grab=G	VOC	Sample Specific Notes / Special Instructions:
WG-12616-082311-DN-01	8.23.11	1605		X						✓							X	
" " 02	"	1755		X						✓							X	
WG-12616-082411-DN-03	8.24.11	0905		X						✓							X	
04		1030		X						✓							X	
05		11:50		X						✓							X	
06		13:15		X						✓							X	
07		15:20		X						✓							X	
08		1640		X						✓							X	
09		1805		X						✓							X	
TB-082411-001	-	-		X													X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	8.24.11 / 1830			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			Gary Burns	TA	8/25/11 926

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TAL 0018- I (04/10)

09/12/2011

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project Elyria By: Penny Burns
Cooler Received on 8/25/11 Opened on 8/25/11 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # A765 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other_____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity_____ Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt 2.5 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.
Sample(s)_____ were received in a broken container.
Sample(s)_____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: N. Canton, OH
Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 027450
Address: 1805 E. Perkins Ave	Telephone:	Telephone:	Telephone:	1 of 2 COCs
City/State/Zip: Sandusky, OH 44870	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: Flyria RFI	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-T02	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WG-12616-082511-DN-10	8-25-11	0925		X						X							X	
11		0950		X						X							X	
12		1240		X						X							X	
13		1400		X						X							X	
14		1510		X						X							X	
15		1635		X						X							X	
16		1805		X						X							X	
17		1945		X						X							X	
WG-12616-082611-DN-18	8-26-11	0730		X						X							X	
19		1400		X						X							X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by: Don Newton	Company: CRA	Date/Time: 8-26-11 / 1830	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 8/27/11 930

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TAL 0018- 1 (04/10)

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler
Address: 1805 E. Perkins Ave.	Telephone:	Telephone:	Telephone:
City/State/Zip: Sandusky, OH 44870	Email:	Analysis Turnaround Time (in BUS days)	Analyses
Phone: 419 609-1339		TAT if different from below: ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	
Project Name: Elyria RFI	Method of Shipment/Carrier: Fed Ex		
Project Number: 12616-TO2	Shipping/Tracking No:		
P O #			

COC No: 027449
2 of 2 COCs

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/ Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WO-12616-082611-DN-20	8.26.11	0840		✓						✓							✓	
21		0950		✓						✓							✓	⊕MS/MSD
22		1120		✓						✓							✓	
23		1510		✓						✓							✓	
24		1600		✓						✓							✓	
25		1645		✓						✓							✓	
26		1750		✓						✓							✓	
TB-082611-002	—	—		✓						✓							✓	Trip Blank

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	8-26-11 / 1830			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA	8/27/11 9356

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TAL 0018-1 (04/10)

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project Elyria RFI By:_____
Cooler Received on 8/27/11 Opened on_____ (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # A677 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other_____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity_____ Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☑
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☐ Foam ☑ None ☐ Other _____
6. Cooler temperature upon receipt 2.4 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☑
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☑ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☑ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

Did not rec'v. TB002 listed on COC will not log.

15. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.
Sample(s)_____ were received in a broken container.
Sample(s)_____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-3182-1

Login Number: 3182

List Number: 1

Creator: Burns, Terry

List Source: TestAmerica North Canton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	2.5
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-3182-1

Login Number: 3272

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-3342-1
Client Project/Site: 12616, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
09/15/2011 03:26:37 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-3342-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616, Racer Elyria

Report Number: 240-3342-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 08/30/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-12616-082911-DN-27 (240-3342-1), WG-12616-082911-DN-28 (240-3342-2), WG-12616-082911-DN-29 (240-3342-3), WG-12616-082911-DN-30 (240-3342-4), WG-12616-082911-DN-31 (240-3342-5), WG-12616-082911-DN-32 (240-3342-6), WG-12616-082911-DN-33 (240-3342-7), WG-12616-082911-DN-34 (240-3342-8), WG-12616-082911-DN-35 (240-3342-9), WG-12616-082911-DN-36 (240-3342-10) and TB-082911-003 (240-3342-11) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/08/2011 and 09/09/2011.

Sample WG-12616-082911-DN-29 (240-3342-3)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analyses.

All quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-3342-1	WG-12616-082911-DN-27	Water	08/29/11 08:15	08/30/11 12:25
240-3342-2	WG-12616-082911-DN-28	Water	08/29/11 11:20	08/30/11 12:25
240-3342-3	WG-12616-082911-DN-29	Water	08/29/11 13:20	08/30/11 12:25
240-3342-4	WG-12616-082911-DN-30	Water	08/29/11 14:40	08/30/11 12:25
240-3342-5	WG-12616-082911-DN-31	Water	08/29/11 12:45	08/30/11 12:25
240-3342-6	WG-12616-082911-DN-32	Water	08/29/11 17:25	08/30/11 12:25
240-3342-7	WG-12616-082911-DN-33	Water	08/29/11 16:05	08/30/11 12:25
240-3342-8	WG-12616-082911-DN-34	Water	08/29/11 18:40	08/30/11 12:25
240-3342-9	WG-12616-082911-DN-35	Water	08/29/11 20:10	08/30/11 12:25
240-3342-10	WG-12616-082911-DN-36	Water	08/29/11 20:20	08/30/11 12:25
240-3342-11	TB-082911-003	Water	08/29/11 00:00	08/30/11 12:25

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-27 — Lab Sample ID: 240-3342-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082911-DN-28 — Lab Sample ID: 240-3342-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.15	J	1.0	0.13	ug/L	1		8260B	Total/NA
Vinyl chloride	31		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082911-DN-29 — Lab Sample ID: 240-3342-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	35		1.7	0.37	ug/L	1.667		8260B	Total/NA
cis-1,2-Dichloroethene	66		1.7	0.28	ug/L	1.667		8260B	Total/NA
trans-1,2-Dichloroethene	4.3		1.7	0.32	ug/L	1.667		8260B	Total/NA

Client Sample ID: WG-12616-082911-DN-30 — Lab Sample ID: 240-3342-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.46	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082911-DN-31 — Lab Sample ID: 240-3342-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.22	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082911-DN-32 — Lab Sample ID: 240-3342-6

No Detections

Client Sample ID: WG-12616-082911-DN-33 — Lab Sample ID: 240-3342-7

No Detections

Client Sample ID: WG-12616-082911-DN-34 — Lab Sample ID: 240-3342-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.2	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-082911-DN-35 — Lab Sample ID: 240-3342-9

No Detections

Client Sample ID: WG-12616-082911-DN-36 — Lab Sample ID: 240-3342-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	28		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.1	J	10	0.57	ug/L	1		8260B	Total/NA

Client Sample ID: TB-082911-003 — Lab Sample ID: 240-3342-11

No Detections

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-27
Date Collected: 08/29/11 08:15
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.8	J	10	1.1	ug/L			09/08/11 21:30	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 21:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 21:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 21:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 21:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 21:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 21:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 21:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 21:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 21:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 21:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 21:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 21:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 21:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 21:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 21:30	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 21:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 21:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 21:30	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 21:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 21:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 21:30	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 21:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 21:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 21:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 21:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 21:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 21:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 21:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 21:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 21:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 21:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 21:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 21:30	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 21:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 21:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 21:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 21:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 21:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 21:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 21:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-27
Date Collected: 08/29/11 08:15
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-1
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/08/11 21:30	1
4-Bromofluorobenzene (Surr)	97		66 - 117		09/08/11 21:30	1
Toluene-d8 (Surr)	106		74 - 115		09/08/11 21:30	1
Dibromofluoromethane (Surr)	105		75 - 121		09/08/11 21:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-28
Date Collected: 08/29/11 11:20
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.4**	**J**	10	1.1	ug/L			09/08/11 21:53	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 21:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 21:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 21:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 21:53	1
Carbon disulfide	**0.15**	**J**	1.0	0.13	ug/L			09/08/11 21:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 21:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 21:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 21:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 21:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 21:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 21:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 21:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 21:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 21:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 21:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 21:53	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 21:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 21:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 21:53	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 21:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 21:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 21:53	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 21:53	1
Vinyl chloride	**31**		1.0	0.22	ug/L			09/08/11 21:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 21:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 21:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 21:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 21:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 21:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 21:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 21:53	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.17	ug/L			09/08/11 21:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 21:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 21:53	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 21:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 21:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 21:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 21:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 21:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 21:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 21:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-28
Date Collected: 08/29/11 11:20
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-2
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		63 - 129		09/08/11 21:53	1
4-Bromofluorobenzene (Surr)	101		66 - 117		09/08/11 21:53	1
Toluene-d8 (Surr)	107		74 - 115		09/08/11 21:53	1
Dibromofluoromethane (Surr)	105		75 - 121		09/08/11 21:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-29
Date Collected: 08/29/11 13:20
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	1.8	ug/L			09/08/11 22:19	1.667
Benzene	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			09/08/11 22:19	1.667
Bromoform	1.7	U	1.7	1.1	ug/L			09/08/11 22:19	1.667
Bromomethane	1.7	U	1.7	0.68	ug/L			09/08/11 22:19	1.667
2-Butanone (MEK)	17	U	17	0.95	ug/L			09/08/11 22:19	1.667
Carbon disulfide	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
Chlorobenzene	1.7	U	1.7	0.25	ug/L			09/08/11 22:19	1.667
Chloroethane	1.7	U	1.7	0.48	ug/L			09/08/11 22:19	1.667
Chloroform	1.7	U	1.7	0.27	ug/L			09/08/11 22:19	1.667
Chloromethane	1.7	U	1.7	0.50	ug/L			09/08/11 22:19	1.667
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			09/08/11 22:19	1.667
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			09/08/11 22:19	1.667
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			09/08/11 22:19	1.667
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			09/08/11 22:19	1.667
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			09/08/11 22:19	1.667
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			09/08/11 22:19	1.667
Ethylbenzene	1.7	U	1.7	0.28	ug/L			09/08/11 22:19	1.667
2-Hexanone	17	U	17	0.68	ug/L			09/08/11 22:19	1.667
Methylene Chloride	1.7	U	1.7	0.55	ug/L			09/08/11 22:19	1.667
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			09/08/11 22:19	1.667
Styrene	1.7	U	1.7	0.18	ug/L			09/08/11 22:19	1.667
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			09/08/11 22:19	1.667
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			09/08/11 22:19	1.667
Toluene	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
Trichloroethene	1.7	U	1.7	0.28	ug/L			09/08/11 22:19	1.667
Vinyl chloride	**35**		1.7	0.37	ug/L			09/08/11 22:19	1.667
Xylenes, Total	3.3	U	3.3	0.47	ug/L			09/08/11 22:19	1.667
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			09/08/11 22:19	1.667
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			09/08/11 22:19	1.667
Cyclohexane	1.7	U	1.7	0.20	ug/L			09/08/11 22:19	1.667
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			09/08/11 22:19	1.667
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			09/08/11 22:19	1.667
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			09/08/11 22:19	1.667
cis-1,2-Dichloroethene	**66**		1.7	0.28	ug/L			09/08/11 22:19	1.667
trans-1,2-Dichloroethene	**4.3**		1.7	0.32	ug/L			09/08/11 22:19	1.667
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
Methyl acetate	17	U	17	0.63	ug/L			09/08/11 22:19	1.667
Methyl tert-butyl ether	8.3	U	8.3	0.28	ug/L			09/08/11 22:19	1.667
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			09/08/11 22:19	1.667
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			09/08/11 22:19	1.667
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			09/08/11 22:19	1.667
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			09/08/11 22:19	1.667
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			09/08/11 22:19	1.667
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			09/08/11 22:19	1.667

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-29
Date Collected: 08/29/11 13:20
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-3
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/08/11 22:19	1.667
4-Bromofluorobenzene (Surr)	100		66 - 117		09/08/11 22:19	1.667
Toluene-d8 (Surr)	108		74 - 115		09/08/11 22:19	1.667
Dibromofluoromethane (Surr)	105		75 - 121		09/08/11 22:19	1.667

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-30
Date Collected: 08/29/11 14:40
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/08/11 22:44	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 22:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 22:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 22:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 22:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 22:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 22:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 22:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 22:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 22:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 22:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 22:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 22:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 22:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 22:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 22:44	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 22:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 22:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 22:44	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 22:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 22:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 22:44	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 22:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 22:44	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 22:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 22:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 22:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 22:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 22:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 22:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 22:44	1
cis-1,2-Dichloroethene	**0.46**	**J**	1.0	0.17	ug/L			09/08/11 22:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 22:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 22:44	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 22:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 22:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 22:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 22:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 22:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 22:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 22:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-30
Date Collected: 08/29/11 14:40
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-4
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		09/08/11 22:44	1
4-Bromofluorobenzene (Surr)	105		66 - 117		09/08/11 22:44	1
Toluene-d8 (Surr)	109		74 - 115		09/08/11 22:44	1
Dibromofluoromethane (Surr)	104		75 - 121		09/08/11 22:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-31
Date Collected: 08/29/11 12:45
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.3**	**J**	10	1.1	ug/L			09/08/11 23:10	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 23:10	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 23:10	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 23:10	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 23:10	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 23:10	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 23:10	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 23:10	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 23:10	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 23:10	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 23:10	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 23:10	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 23:10	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 23:10	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 23:10	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 23:10	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 23:10	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 23:10	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 23:10	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 23:10	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 23:10	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 23:10	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 23:10	1
Vinyl chloride	**0.22**	**J**	1.0	0.22	ug/L			09/08/11 23:10	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 23:10	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 23:10	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 23:10	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 23:10	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 23:10	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 23:10	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 23:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 23:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 23:10	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 23:10	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 23:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 23:10	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 23:10	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 23:10	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 23:10	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 23:10	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 23:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-31
Date Collected: 08/29/11 12:45
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-5
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		09/08/11 23:10	1
4-Bromofluorobenzene (Surr)	101		66 - 117		09/08/11 23:10	1
Toluene-d8 (Surr)	108		74 - 115		09/08/11 23:10	1
Dibromofluoromethane (Surr)	107		75 - 121		09/08/11 23:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-32
Date Collected: 08/29/11 17:25
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/08/11 23:35	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 23:35	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 23:35	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 23:35	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 23:35	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 23:35	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 23:35	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 23:35	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 23:35	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 23:35	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 23:35	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 23:35	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 23:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 23:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 23:35	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 23:35	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 23:35	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 23:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 23:35	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 23:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 23:35	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 23:35	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 23:35	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 23:35	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 23:35	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 23:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 23:35	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 23:35	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 23:35	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 23:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 23:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 23:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 23:35	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 23:35	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 23:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 23:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 23:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 23:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 23:35	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 23:35	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 23:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-32
Date Collected: 08/29/11 17:25
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-6
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		63 - 129		09/08/11 23:35	1
4-Bromofluorobenzene (Surr)	101		66 - 117		09/08/11 23:35	1
Toluene-d8 (Surr)	108		74 - 115		09/08/11 23:35	1
Dibromofluoromethane (Surr)	107		75 - 121		09/08/11 23:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-33
Date Collected: 08/29/11 16:05
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/09/11 00:01	1
Benzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/11 00:01	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/09/11 00:01	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/09/11 00:01	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/09/11 00:01	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 00:01	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/09/11 00:01	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/09/11 00:01	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/09/11 00:01	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/09/11 00:01	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 00:01	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 00:01	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/09/11 00:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/09/11 00:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/09/11 00:01	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/09/11 00:01	1
2-Hexanone	10	U	10	0.41	ug/L			09/09/11 00:01	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/09/11 00:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/09/11 00:01	1
Styrene	1.0	U	1.0	0.11	ug/L			09/09/11 00:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/09/11 00:01	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/09/11 00:01	1
Toluene	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 00:01	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/09/11 00:01	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/09/11 00:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 00:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/09/11 00:01	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/09/11 00:01	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/09/11 00:01	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/09/11 00:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/09/11 00:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 00:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 00:01	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
Methyl acetate	10	U	10	0.38	ug/L			09/09/11 00:01	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/09/11 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/09/11 00:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 00:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/09/11 00:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/09/11 00:01	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/09/11 00:01	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/09/11 00:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-33
Date Collected: 08/29/11 16:05
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-7
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*		*09/09/11 00:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*66 - 117*		*09/09/11 00:01*	*1*
Toluene-d8 (Surr)	*108*		*74 - 115*		*09/09/11 00:01*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 121*		*09/09/11 00:01*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-34
Date Collected: 08/29/11 18:40
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.2	J	10	1.1	ug/L			09/09/11 00:26	1
Benzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/11 00:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/09/11 00:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/09/11 00:26	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/09/11 00:26	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 00:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/09/11 00:26	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/09/11 00:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/09/11 00:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/09/11 00:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 00:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 00:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/09/11 00:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/09/11 00:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/09/11 00:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/09/11 00:26	1
2-Hexanone	10	U	10	0.41	ug/L			09/09/11 00:26	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/09/11 00:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/09/11 00:26	1
Styrene	1.0	U	1.0	0.11	ug/L			09/09/11 00:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/09/11 00:26	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/09/11 00:26	1
Toluene	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 00:26	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/09/11 00:26	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/09/11 00:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 00:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/09/11 00:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/09/11 00:26	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/09/11 00:26	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/09/11 00:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/09/11 00:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 00:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 00:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
Methyl acetate	10	U	10	0.38	ug/L			09/09/11 00:26	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/09/11 00:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/09/11 00:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 00:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/09/11 00:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/09/11 00:26	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/09/11 00:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/09/11 00:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-34
Date Collected: 08/29/11 18:40
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-8
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		63 - 129		09/09/11 00:26	1
4-Bromofluorobenzene (Surr)	100		66 - 117		09/09/11 00:26	1
Toluene-d8 (Surr)	107		74 - 115		09/09/11 00:26	1
Dibromofluoromethane (Surr)	105		75 - 121		09/09/11 00:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-35
Date Collected: 08/29/11 20:10
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/09/11 00:51	1
Benzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/11 00:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/09/11 00:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/09/11 00:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/09/11 00:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 00:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/09/11 00:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/09/11 00:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/09/11 00:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/09/11 00:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 00:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 00:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/09/11 00:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/09/11 00:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/09/11 00:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/09/11 00:51	1
2-Hexanone	10	U	10	0.41	ug/L			09/09/11 00:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/09/11 00:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/09/11 00:51	1
Styrene	1.0	U	1.0	0.11	ug/L			09/09/11 00:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/09/11 00:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/09/11 00:51	1
Toluene	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 00:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/09/11 00:51	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/09/11 00:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 00:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/09/11 00:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/09/11 00:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/09/11 00:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/09/11 00:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/09/11 00:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 00:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 00:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
Methyl acetate	10	U	10	0.38	ug/L			09/09/11 00:51	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/09/11 00:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/09/11 00:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 00:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/09/11 00:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/09/11 00:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/09/11 00:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/09/11 00:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-35
Date Collected: 08/29/11 20:10
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-9
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/09/11 00:51	1
4-Bromofluorobenzene (Surr)	102		66 - 117		09/09/11 00:51	1
Toluene-d8 (Surr)	108		74 - 115		09/09/11 00:51	1
Dibromofluoromethane (Surr)	108		75 - 121		09/09/11 00:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-36
Date Collected: 08/29/11 20:20
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**28**		10	1.1	ug/L			09/09/11 01:17	1
Benzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/11 01:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/09/11 01:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/09/11 01:17	1
2-Butanone (MEK)	**1.1**	**J**	10	0.57	ug/L			09/09/11 01:17	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 01:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/09/11 01:17	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/09/11 01:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/09/11 01:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/09/11 01:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 01:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 01:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/09/11 01:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/09/11 01:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/09/11 01:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/09/11 01:17	1
2-Hexanone	10	U	10	0.41	ug/L			09/09/11 01:17	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/09/11 01:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/09/11 01:17	1
Styrene	1.0	U	1.0	0.11	ug/L			09/09/11 01:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/09/11 01:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/09/11 01:17	1
Toluene	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 01:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/09/11 01:17	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/09/11 01:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 01:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/09/11 01:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/09/11 01:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/09/11 01:17	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/09/11 01:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/09/11 01:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 01:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 01:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
Methyl acetate	10	U	10	0.38	ug/L			09/09/11 01:17	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/09/11 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/09/11 01:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 01:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/09/11 01:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/09/11 01:17	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/09/11 01:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/09/11 01:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-36
Date Collected: 08/29/11 20:20
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-10
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		09/09/11 01:17	1
4-Bromofluorobenzene (Surr)	104		66 - 117		09/09/11 01:17	1
Toluene-d8 (Surr)	110		74 - 115		09/09/11 01:17	1
Dibromofluoromethane (Surr)	104		75 - 121		09/09/11 01:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: TB-082911-003
Date Collected: 08/29/11 00:00
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/09/11 01:42	1
Benzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/11 01:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/09/11 01:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/09/11 01:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/09/11 01:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 01:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/09/11 01:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/09/11 01:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/09/11 01:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/09/11 01:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 01:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 01:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/09/11 01:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/09/11 01:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/09/11 01:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/09/11 01:42	1
2-Hexanone	10	U	10	0.41	ug/L			09/09/11 01:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/09/11 01:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/09/11 01:42	1
Styrene	1.0	U	1.0	0.11	ug/L			09/09/11 01:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/09/11 01:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/09/11 01:42	1
Toluene	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 01:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/09/11 01:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/09/11 01:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/11 01:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/09/11 01:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/09/11 01:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/09/11 01:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/09/11 01:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/09/11 01:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/09/11 01:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/09/11 01:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
Methyl acetate	10	U	10	0.38	ug/L			09/09/11 01:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/09/11 01:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/09/11 01:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/09/11 01:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/09/11 01:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/09/11 01:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/09/11 01:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/09/11 01:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: TB-082911-003
Date Collected: 08/29/11 00:00
Date Received: 08/30/11 12:25

Lab Sample ID: 240-3342-11
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		63 - 129		09/09/11 01:42	1
4-Bromofluorobenzene (Surr)	98		66 - 117		09/09/11 01:42	1
Toluene-d8 (Surr)	106		74 - 115		09/09/11 01:42	1
Dibromofluoromethane (Surr)	107		75 - 121		09/09/11 01:42	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-3342-1	WG-12616-082911-DN-27	110	97	106	105
240-3342-2	WG-12616-082911-DN-28	108	101	107	105
240-3342-3	WG-12616-082911-DN-29	110	100	108	105
240-3342-4	WG-12616-082911-DN-30	113	105	109	104
240-3342-5	WG-12616-082911-DN-31	113	101	108	107
240-3342-6	WG-12616-082911-DN-32	112	101	108	107
240-3342-7	WG-12616-082911-DN-33	110	101	108	104
240-3342-8	WG-12616-082911-DN-34	112	100	107	105
240-3342-9	WG-12616-082911-DN-35	110	102	108	108
240-3342-10	WG-12616-082911-DN-36	109	104	110	104
240-3342-11	TB-082911-003	111	98	106	107
LCS 240-14713/6	Lab Control Sample	111	104	109	108
MB 240-14713/5	Method Blank	110	103	109	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-14713/5
Matrix: Water
Analysis Batch: 14713

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			09/08/11 17:43	1
Benzene	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/08/11 17:43	1
Bromoform	1.0	U	1.0	0.64	ug/L			09/08/11 17:43	1
Bromomethane	1.0	U	1.0	0.41	ug/L			09/08/11 17:43	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			09/08/11 17:43	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 17:43	1
Chloroethane	1.0	U	1.0	0.29	ug/L			09/08/11 17:43	1
Chloroform	1.0	U	1.0	0.16	ug/L			09/08/11 17:43	1
Chloromethane	1.0	U	1.0	0.30	ug/L			09/08/11 17:43	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			09/08/11 17:43	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 17:43	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 17:43	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			09/08/11 17:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			09/08/11 17:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			09/08/11 17:43	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			09/08/11 17:43	1
2-Hexanone	10	U	10	0.41	ug/L			09/08/11 17:43	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			09/08/11 17:43	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			09/08/11 17:43	1
Styrene	1.0	U	1.0	0.11	ug/L			09/08/11 17:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			09/08/11 17:43	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			09/08/11 17:43	1
Toluene	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 17:43	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			09/08/11 17:43	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			09/08/11 17:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/08/11 17:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			09/08/11 17:43	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			09/08/11 17:43	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			09/08/11 17:43	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			09/08/11 17:43	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			09/08/11 17:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			09/08/11 17:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			09/08/11 17:43	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
Methyl acetate	10	U	10	0.38	ug/L			09/08/11 17:43	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			09/08/11 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			09/08/11 17:43	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			09/08/11 17:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			09/08/11 17:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			09/08/11 17:43	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			09/08/11 17:43	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			09/08/11 17:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-14713/5
Matrix: Water
Analysis Batch: 14713

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/08/11 17:43	1
4-Bromofluorobenzene (Surr)	103		66 - 117		09/08/11 17:43	1
Toluene-d8 (Surr)	109		74 - 115		09/08/11 17:43	1
Dibromofluoromethane (Surr)	106		75 - 121		09/08/11 17:43	1

Lab Sample ID: LCS 240-14713/6
Matrix: Water
Analysis Batch: 14713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	40.0	41.8		ug/L		105	43 - 136
Benzene	20.0	20.2		ug/L		101	83 - 112
Dichlorobromomethane	20.0	18.7		ug/L		94	72 - 121
Bromoform	20.0	14.8		ug/L		74	40 - 131
Bromomethane	20.0	18.0		ug/L		90	11 - 185
2-Butanone (MEK)	40.0	38.8		ug/L		97	60 - 126
Carbon disulfide	20.0	20.2		ug/L		101	62 - 142
Carbon tetrachloride	20.0	19.8		ug/L		99	66 - 128
Chlorobenzene	20.0	19.1		ug/L		96	85 - 110
Chloroethane	20.0	18.2		ug/L		91	25 - 153
Chloroform	20.0	20.8		ug/L		104	79 - 117
Chloromethane	20.0	18.7		ug/L		94	44 - 126
1,1-Dichloroethane	20.0	19.6		ug/L		98	82 - 115
1,2-Dichloroethane	20.0	19.6		ug/L		98	71 - 127
1,1-Dichloroethene	20.0	21.0		ug/L		105	78 - 131
1,2-Dichloropropane	20.0	19.4		ug/L		97	81 - 115
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	61 - 115
trans-1,3-Dichloropropene	20.0	18.7		ug/L		94	58 - 117
Ethylbenzene	20.0	20.0		ug/L		100	83 - 112
2-Hexanone	40.0	37.3		ug/L		93	55 - 133
Methylene Chloride	20.0	20.2		ug/L		101	66 - 131
4-Methyl-2-pentanone (MIBK)	40.0	37.1		ug/L		93	63 - 128
Styrene	20.0	19.8		ug/L		99	79 - 114
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		94	68 - 118
Tetrachloroethene	20.0	20.9		ug/L		105	79 - 114
Toluene	20.0	19.4		ug/L		97	84 - 111
Trichloroethene	20.0	21.2		ug/L		106	76 - 117
Vinyl chloride	20.0	21.0		ug/L		105	53 - 127
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	74 - 118
1,1,2-Trichloroethane	20.0	20.1		ug/L		101	80 - 112
Cyclohexane	20.0	18.8		ug/L		94	54 - 121
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		92	42 - 136
Ethylene Dibromide	20.0	19.0		ug/L		95	79 - 113
Dichlorodifluoromethane	20.0	21.6		ug/L		108	19 - 129
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	80 - 113
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	83 - 117
Isopropylbenzene	20.0	18.7		ug/L		94	75 - 114
Methyl acetate	20.0	20.2		ug/L		101	58 - 131
Methyl tert-butyl ether	20.0	20.7		ug/L		104	52 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-14713/6
Matrix: Water
Analysis Batch: 14713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	23.5		ug/L		118	74 - 151		
1,2,4-Trichlorobenzene			20.0	18.7		ug/L		94	48 - 135		
1,2-Dichlorobenzene			20.0	18.9		ug/L		95	81 - 110		
1,3-Dichlorobenzene			20.0	19.0		ug/L		95	80 - 110		
1,4-Dichlorobenzene			20.0	18.8		ug/L		94	82 - 110		
Trichlorofluoromethane			20.0	24.2		ug/L		121	49 - 157		
Chlorodibromomethane			20.0	17.9		ug/L		90	64 - 119		
Methylcyclohexane			20.0	17.8		ug/L		89	56 - 127		
m-Xylene & p-Xylene			40.0	38.4		ug/L		96	83 - 113		
o-Xylene			20.0	20.0		ug/L		100	83 - 113		

Surrogate	*LCS % Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 129*
4-Bromofluorobenzene (Surr)	*104*		*66 - 117*
Toluene-d8 (Surr)	*109*		*74 - 115*
Dibromofluoromethane (Surr)	*108*		*75 - 121*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

GC/MS VOA

Analysis Batch: 14713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-3342-1	WG-12616-082911-DN-27	Total/NA	Water	8260B	
240-3342-2	WG-12616-082911-DN-28	Total/NA	Water	8260B	
240-3342-3	WG-12616-082911-DN-29	Total/NA	Water	8260B	
240-3342-4	WG-12616-082911-DN-30	Total/NA	Water	8260B	
240-3342-5	WG-12616-082911-DN-31	Total/NA	Water	8260B	
240-3342-6	WG-12616-082911-DN-32	Total/NA	Water	8260B	
240-3342-7	WG-12616-082911-DN-33	Total/NA	Water	8260B	
240-3342-8	WG-12616-082911-DN-34	Total/NA	Water	8260B	
240-3342-9	WG-12616-082911-DN-35	Total/NA	Water	8260B	
240-3342-10	WG-12616-082911-DN-36	Total/NA	Water	8260B	
240-3342-11	TB-082911-003	Total/NA	Water	8260B	
LCS 240-14713/6	Lab Control Sample	Total/NA	Water	8260B	
MB 240-14713/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-082911-DN-27 — **Lab Sample ID: 240-3342-1**
Date Collected: 08/29/11 08:15 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/08/11 21:30	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-28 — **Lab Sample ID: 240-3342-2**
Date Collected: 08/29/11 11:20 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/08/11 21:53	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-29 — **Lab Sample ID: 240-3342-3**
Date Collected: 08/29/11 13:20 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.667	14713	09/08/11 22:19	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-30 — **Lab Sample ID: 240-3342-4**
Date Collected: 08/29/11 14:40 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/08/11 22:44	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-31 — **Lab Sample ID: 240-3342-5**
Date Collected: 08/29/11 12:45 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/08/11 23:10	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-32 — **Lab Sample ID: 240-3342-6**
Date Collected: 08/29/11 17:25 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/08/11 23:35	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-33 — **Lab Sample ID: 240-3342-7**
Date Collected: 08/29/11 16:05 — **Matrix: Water**
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/09/11 00:01	TL	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Client Sample ID: WG-12616-082911-DN-34

Lab Sample ID: 240-3342-8

Date Collected: 08/29/11 18:40
Matrix: Water
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/09/11 00:26	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-35

Lab Sample ID: 240-3342-9

Date Collected: 08/29/11 20:10
Matrix: Water
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/09/11 00:51	TL	TAL NC

Client Sample ID: WG-12616-082911-DN-36

Lab Sample ID: 240-3342-10

Date Collected: 08/29/11 20:20
Matrix: Water
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/09/11 01:17	TL	TAL NC

Client Sample ID: TB-082911-003

Lab Sample ID: 240-3342-11

Date Collected: 08/29/11 00:00
Matrix: Water
Date Received: 08/30/11 12:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	14713	09/09/11 01:42	TL	TAL NC

Laboratory References:
TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616, Racer Elyria

TestAmerica Job ID: 240-3342-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 027447
Address: 1905 E. Perkins Ave	Telephone:	Telephone:	Telephone:	1 of 1 COCs
City/State/Zip: Sandusky OH 44870	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-669-1339		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: Elyria RFI	Method of Shipment/Carrier: CRA Courier			
Project Number: 12616-T02	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WG-12616-082911-DN-27	8.29.11	0815		✓						✓							✓	
28		1120		✓						✓							✓	
29		1320		✓						✓							✓	
30		1440		✓						✓							✓	
31		1245		✓						✓							✓	
32		1725		✓						✓							✓	
33		1605		✓						✓							✓	
34		1840		✓						✓							✓	
35		2010		✓						✓							✓	
36		2070		✓						✓							✓	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

TB-082911-003 Trip Blank - VOCs

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	8.30.11 12:25			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TANC	8/30/11 12:25

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TAL 0018- 1 (04/10)

09/15/2011

TestAmerica Cooler Receipt Form/Narrative **Lot Number:**_____
North Canton Facility

Client CRA Project Elyria RFI By: (Signature)
Cooler Received on 8/30/11 Opened on 8/30/11
FedEx ☐ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☒ TestAmerica Courier ☐ Other_____
TestAmerica Cooler # 4442 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other_____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity_____ Quantity Unsalvageable_____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☐ No ☒
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt 5.8 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.
Sample(s)_____ were received in a broken container.
Sample(s)_____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 100110-HNO_3; *Sulfuric Acid Lot#* 110410-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-3342-1

Login Number: 3342

List Number: 1

Creator: Maddux, Ann

List Source: TestAmerica North Canton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-34750-1
Client Project/Site: 12616-T02, OVAP Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
3/21/2014 1:32:07 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-34750-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, OVAP Racer Elyria

Report Number: 240-34750-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may contain sample results between the MDL and RL. Results below the RL are not certified under the Ohio Voluntary Action Program.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable. The following requested analytes, parameter groups or methods analyzed and contained in this report are not certified by the laboratory: Cyclohexane, Methyl Acetate, Methylcyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane by SW846 8260B (Samples 1 - 6).

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 3/7/2014 8:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples S-12616-030514-DN-01 (240-34750-1), S-12616-030514-DN-02 (240-34750-2), S-12616-030514-DN-03 (240-34750-3), S-12616-030514-DN-04 (240-34750-4), S-12616-030514-DN-05 (240-34750-5) and S-12616-030514-DN-06 (240-34750-6) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/07/2014 and analyzed on 03/12/2014 and 03/14/2014.

1,2,4-Trichlorobenzene, Ethylbenzene, m-Xylene & p-Xylene, Styrene and Xylenes, Total were detected in method blank MB

Job ID: 240-34750-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

240-121800/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

1,2,4-Trichlorobenzene was detected in method blank MB 240-122252/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 122252 recovered outside control limits for the following analytes: Chloroethane, cis-1,2-Dichloroethene, Methylene Chloride, and trans-1,2-Dichloroethene. These analytes were biased high in the LCS and were not detected at reportable levels in the associated samples; therefore, the data has been reported.

The laboratory control sample (LCS) for prep batch 121800 recovered outside acceptance limits for m-Xylene & p-xylene and chloroethane. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data has been reported.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batches 121800, 122252, 121800.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-34750-1	S-12616-030514-DN-01	Solid	03/05/14 10:40	03/07/14 08:05
240-34750-2	S-12616-030514-DN-02	Solid	03/05/14 10:50	03/07/14 08:05
240-34750-3	S-12616-030514-DN-03	Solid	03/05/14 15:35	03/07/14 08:05
240-34750-4	S-12616-030514-DN-04	Solid	03/05/14 15:45	03/07/14 08:05
240-34750-5	S-12616-030514-DN-05	Solid	03/05/14 16:35	03/07/14 08:05
240-34750-6	S-12616-030514-DN-06	Solid	03/05/14 16:45	03/07/14 08:05

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-01 — Lab Sample ID: 240-34750-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.45	J	5.1	0.45	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	5.9		5.1	0.36	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	2.6	J	5.1	0.42	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	10		5.1	0.57	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-030514-DN-02 — Lab Sample ID: 240-34750-2

No Detections.

Client Sample ID: S-12616-030514-DN-03 — Lab Sample ID: 240-34750-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	980	J	1300	230	ug/Kg	1	☼	8260B	Total/NA
Benzene	1100		330	16	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	320	J	1300	57	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	37	J	330	16	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	2000	B	330	7.2	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	130	J	330	16	ug/Kg	1	☼	8260B	Total/NA
Toluene	4900		330	23	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	76	J	330	13	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	11000	B	670	8.3	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	270	J	330	28	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	3200		670	53	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	860		330	8.7	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	580	J	670	33	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	11000		670	16	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-030514-DN-04 — Lab Sample ID: 240-34750-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	330	J	1200	200	ug/Kg	1	☼	8260B	Total/NA
Benzene	440		300	14	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	120	J	1200	51	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	670	B	300	6.4	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	170	J	300	14	ug/Kg	1	☼	8260B	Total/NA
Toluene	1800		300	20	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	78	J	300	11	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	4100	B	590	7.3	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	99	J	300	25	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	1100		590	47	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	290	J	300	7.7	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	300	J	590	30	ug/Kg	1	☼	8260B	Total/NA
Trichlorofluoromethane	120	J	300	19	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	4100		590	14	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-030514-DN-05 — Lab Sample ID: 240-34750-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	290	J	1000	170	ug/Kg	1	☼	8260B	Total/NA
Benzene	610		250	12	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	110	J	1000	44	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample ID: S-12616-030514-DN-05 (Continued)

Lab Sample ID: 240-34750-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	34	J	250	12	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	580	B	250	5.5	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	63	J	250	12	ug/Kg	1	☼	8260B	Total/NA
Toluene	2000		250	17	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	63	J	250	9.9	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	3800	B	510	6.3	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	81	J	250	21	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	1000		510	41	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	240	J	250	6.6	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	350	J	510	25	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	3500		510	12	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-030514-DN-06

Lab Sample ID: 240-34750-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	480	J	1800	310	ug/Kg	1	☼	8260B	Total/NA
Benzene	1300		450	22	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	490	J	1800	78	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	1500	B	450	9.8	ug/Kg	1	☼	8260B	Total/NA
Styrene	140	J B	450	10	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	140	J	450	22	ug/Kg	1	☼	8260B	Total/NA
Toluene	5100		450	31	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	410	J	450	18	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	11000	B	910	11	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	560		450	38	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	3900		910	73	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	640		450	12	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	690	J	910	45	ug/Kg	1	☼	8260B	Total/NA
Trichlorofluoromethane	120	J	450	29	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	11000		910	22	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-01
Date Collected: 03/05/14 10:40
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-1
Matrix: Solid
Percent Solids: 84.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.4	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Benzene	5.1	U	5.1	0.23	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Dichlorobromomethane	5.1	U	5.1	0.28	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Bromoform	5.1	U	5.1	0.33	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Bromomethane	5.1	U	5.1	0.55	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Carbon disulfide	**0.45**	**J**	5.1	0.45	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Carbon tetrachloride	5.1	U	5.1	0.37	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Chlorobenzene	5.1	U	5.1	0.33	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Chloroethane	5.1	U *	5.1	0.87	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Chloroform	5.1	U	5.1	0.29	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Chloromethane	5.1	U	5.1	0.41	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,1-Dichloroethane	**5.9**		5.1	0.36	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,2-Dichloroethane	5.1	U	5.1	0.34	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,1-Dichloroethene	5.1	U	5.1	0.53	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,2-Dichloropropane	5.1	U	5.1	0.70	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
cis-1,3-Dichloropropene	5.1	U	5.1	0.34	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
trans-1,3-Dichloropropene	5.1	U	5.1	0.55	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Ethylbenzene	5.1	U	5.1	0.26	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
2-Hexanone	20	U	20	0.64	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Methylene Chloride	5.1	U *	5.1	0.68	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.55	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Styrene	5.1	U	5.1	0.15	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,1,2,2-Tetrachloroethane	5.1	U	5.1	0.34	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Tetrachloroethene	5.1	U	5.1	0.53	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Toluene	5.1	U	5.1	0.27	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Trichloroethene	**2.6**	**J**	5.1	0.42	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Vinyl chloride	5.1	U	5.1	0.39	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Xylenes, Total	10	U	10	0.35	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,1,1-Trichloroethane	**10**		5.1	0.57	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,1,2-Trichloroethane	5.1	U	5.1	0.39	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Cyclohexane	10	U	10	0.33	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Ethylene Dibromide	5.1	U	5.1	0.51	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Dichlorodifluoromethane	5.1	U	5.1	0.51	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
cis-1,2-Dichloroethene	5.1	U *	5.1	0.36	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
trans-1,2-Dichloroethene	5.1	U *	5.1	0.41	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Isopropylbenzene	5.1	U	5.1	0.16	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Methyl acetate	10	U	10	1.4	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Methyl tert-butyl ether	5.1	U	5.1	0.44	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.1	U	5.1	1.3	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,2,4-Trichlorobenzene	5.1	U	5.1	0.27	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,2-Dichlorobenzene	5.1	U	5.1	0.36	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,3-Dichlorobenzene	5.1	U	5.1	0.35	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
1,4-Dichlorobenzene	5.1	U	5.1	0.67	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Trichlorofluoromethane	5.1	U	5.1	0.34	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Chlorodibromomethane	5.1	U	5.1	0.56	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1
Methylcyclohexane	10	U	10	0.31	ug/Kg	☼	03/07/14 10:30	03/12/14 19:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-01
Date Collected: 03/05/14 10:40
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-1
Matrix: Solid
Percent Solids: 84.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	67		58 - 123	03/07/14 10:30	03/12/14 19:38	1
4-Bromofluorobenzene (Surr)	85		52 - 136	03/07/14 10:30	03/12/14 19:38	1
Toluene-d8 (Surr)	87		67 - 125	03/07/14 10:30	03/12/14 19:38	1
Dibromofluoromethane (Surr)	77		37 - 132	03/07/14 10:30	03/12/14 19:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-02
Date Collected: 03/05/14 10:50
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-2
Matrix: Solid
Percent Solids: 83.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	7.7	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Benzene	6.1	U	6.1	0.28	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Dichlorobromomethane	6.1	U	6.1	0.34	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Bromoform	6.1	U	6.1	0.41	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Bromomethane	6.1	U	6.1	0.66	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
2-Butanone (MEK)	25	U	25	1.7	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Carbon disulfide	6.1	U	6.1	0.54	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Carbon tetrachloride	6.1	U	6.1	0.45	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Chlorobenzene	6.1	U	6.1	0.41	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Chloroethane	6.1	U *	6.1	1.1	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Chloroform	6.1	U	6.1	0.36	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Chloromethane	6.1	U	6.1	0.50	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,1-Dichloroethane	6.1	U	6.1	0.44	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,2-Dichloroethane	6.1	U	6.1	0.42	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,1-Dichloroethene	6.1	U	6.1	0.64	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,2-Dichloropropane	6.1	U	6.1	0.85	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
cis-1,3-Dichloropropene	6.1	U	6.1	0.42	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
trans-1,3-Dichloropropene	6.1	U	6.1	0.66	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Ethylbenzene	6.1	U	6.1	0.32	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
2-Hexanone	25	U	25	0.77	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Methylene Chloride	6.1	U *	6.1	0.82	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
4-Methyl-2-pentanone (MIBK)	25	U	25	0.66	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Styrene	6.1	U	6.1	0.18	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,1,2,2-Tetrachloroethane	6.1	U	6.1	0.42	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Tetrachloroethene	6.1	U	6.1	0.64	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Toluene	6.1	U	6.1	0.33	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Trichloroethene	6.1	U	6.1	0.52	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Vinyl chloride	6.1	U	6.1	0.48	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Xylenes, Total	12	U	12	0.43	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,1,1-Trichloroethane	6.1	U	6.1	0.69	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,1,2-Trichloroethane	6.1	U	6.1	0.48	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Cyclohexane	12	U	12	0.41	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,2-Dibromo-3-Chloropropane	12	U	12	1.6	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Ethylene Dibromide	6.1	U	6.1	0.61	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Dichlorodifluoromethane	6.1	U	6.1	0.61	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
cis-1,2-Dichloroethene	6.1	U *	6.1	0.44	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
trans-1,2-Dichloroethene	6.1	U *	6.1	0.50	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Isopropylbenzene	6.1	U	6.1	0.20	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Methyl acetate	12	U	12	1.7	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Methyl tert-butyl ether	6.1	U	6.1	0.53	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U	6.1	1.6	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,2,4-Trichlorobenzene	6.1	U	6.1	0.33	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,2-Dichlorobenzene	6.1	U	6.1	0.44	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,3-Dichlorobenzene	6.1	U	6.1	0.43	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
1,4-Dichlorobenzene	6.1	U	6.1	0.81	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Trichlorofluoromethane	6.1	U	6.1	0.42	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Chlorodibromomethane	6.1	U	6.1	0.68	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1
Methylcyclohexane	12	U	12	0.38	ug/Kg	☼	03/07/14 10:30	03/12/14 20:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-02
Date Collected: 03/05/14 10:50
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-2
Matrix: Solid
Percent Solids: 83.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	68		58 - 123	03/07/14 10:30	03/12/14 20:00	1
4-Bromofluorobenzene (Surr)	90		52 - 136	03/07/14 10:30	03/12/14 20:00	1
Toluene-d8 (Surr)	88		67 - 125	03/07/14 10:30	03/12/14 20:00	1
Dibromofluoromethane (Surr)	78		37 - 132	03/07/14 10:30	03/12/14 20:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-03
Date Collected: 03/05/14 15:35
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-3
Matrix: Solid
Percent Solids: 88.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**980**	**J**	1300	230	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Benzene	**1100**		330	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Dichlorobromomethane	330	U	330	13	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Bromoform	330	U	330	25	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Bromomethane	330	U	330	39	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
2-Butanone (MEK)	**320**	**J**	1300	57	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Carbon disulfide	**37**	**J**	330	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Carbon tetrachloride	330	U	330	8.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Chlorobenzene	330	U	330	8.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Chloroethane	330	U *	330	81	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Chloroform	330	U	330	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Chloromethane	330	U	330	19	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,1-Dichloroethane	330	U	330	23	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,2-Dichloroethane	330	U	330	13	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,1-Dichloroethene	330	U	330	24	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,2-Dichloropropane	330	U	330	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
cis-1,3-Dichloropropene	330	U	330	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
trans-1,3-Dichloropropene	330	U	330	27	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Ethylbenzene	**2000**	**B**	330	7.2	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
2-Hexanone	1300	U	1300	27	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Methylene Chloride	330	U	330	100	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
4-Methyl-2-pentanone (MIBK)	1300	U	1300	64	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Styrene	330	U	330	7.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,1,2,2-Tetrachloroethane	330	U	330	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Tetrachloroethene	**130**	**J**	330	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Toluene	**4900**		330	23	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Trichloroethene	**76**	**J**	330	13	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Vinyl chloride	330	U	330	24	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Xylenes, Total	**11000**	**B**	670	8.3	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,1,1-Trichloroethane	**270**	**J**	330	28	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,1,2-Trichloroethane	330	U	330	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Cyclohexane	**3200**		670	53	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,2-Dibromo-3-Chloropropane	670	U	670	67	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Ethylene Dibromide	330	U	330	13	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Dichlorodifluoromethane	330	U	330	21	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
cis-1,2-Dichloroethene	330	U	330	9.2	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
trans-1,2-Dichloroethene	330	U	330	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Isopropylbenzene	**860**		330	8.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Methyl acetate	**580**	**J**	670	33	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Methyl tert-butyl ether	330	U	330	9.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	330	52	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,2,4-Trichlorobenzene	330	U	330	9.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,2-Dichlorobenzene	330	U	330	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,3-Dichlorobenzene	330	U	330	6.4	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
1,4-Dichlorobenzene	330	U	330	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Trichlorofluoromethane	330	U	330	21	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Chlorodibromomethane	330	U	330	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1
Methylcyclohexane	**11000**		670	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-03
Date Collected: 03/05/14 15:35
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-3
Matrix: Solid
Percent Solids: 88.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	52		39 - 128	03/07/14 10:31	03/12/14 21:04	1
4-Bromofluorobenzene (Surr)	42		26 - 141	03/07/14 10:31	03/12/14 21:04	1
Toluene-d8 (Surr)	66		33 - 134	03/07/14 10:31	03/12/14 21:04	1
Dibromofluoromethane (Surr)	67		30 - 122	03/07/14 10:31	03/12/14 21:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-04
Date Collected: 03/05/14 15:45
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-4
Matrix: Solid
Percent Solids: 85.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**330**	**J**	1200	200	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Benzene	**440**		300	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Dichlorobromomethane	300	U	300	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Bromoform	300	U	300	22	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Bromomethane	300	U	300	34	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
2-Butanone (MEK)	**120**	**J**	1200	51	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Carbon disulfide	300	U	300	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Carbon tetrachloride	300	U	300	7.6	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Chlorobenzene	300	U	300	7.6	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Chloroethane	300	U *	300	72	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Chloroform	300	U	300	10	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Chloromethane	300	U	300	17	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,1-Dichloroethane	300	U	300	20	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,2-Dichloroethane	300	U	300	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,1-Dichloroethene	300	U	300	21	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,2-Dichloropropane	300	U	300	9.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
cis-1,3-Dichloropropene	300	U	300	9.4	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
trans-1,3-Dichloropropene	300	U	300	24	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Ethylbenzene	**670**	**B**	300	6.4	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
2-Hexanone	1200	U	1200	24	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Methylene Chloride	300	U	300	91	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
4-Methyl-2-pentanone (MIBK)	1200	U	1200	57	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Styrene	300	U	300	6.6	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,1,2,2-Tetrachloroethane	300	U	300	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Tetrachloroethene	**170**	**J**	300	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Toluene	**1800**		300	20	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Trichloroethene	**78**	**J**	300	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Vinyl chloride	300	U	300	21	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Xylenes, Total	**4100**	**B**	590	7.3	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,1,1-Trichloroethane	**99**	**J**	300	25	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,1,2-Trichloroethane	300	U	300	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Cyclohexane	**1100**		590	47	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,2-Dibromo-3-Chloropropane	590	U	590	59	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Ethylene Dibromide	300	U	300	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Dichlorodifluoromethane	300	U	300	19	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
cis-1,2-Dichloroethene	300	U	300	8.2	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
trans-1,2-Dichloroethene	300	U	300	11	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Isopropylbenzene	**290**	**J**	300	7.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Methyl acetate	**300**	**J**	590	30	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Methyl tert-butyl ether	300	U	300	8.4	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	300	U	300	46	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,2,4-Trichlorobenzene	300	U	300	8.6	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,2-Dichlorobenzene	300	U	300	10	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,3-Dichlorobenzene	300	U	300	5.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
1,4-Dichlorobenzene	300	U	300	9.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Trichlorofluoromethane	**120**	**J**	300	19	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Chlorodibromomethane	300	U	300	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1
Methylcyclohexane	**4100**		590	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-04
Date Collected: 03/05/14 15:45
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-4
Matrix: Solid
Percent Solids: 85.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	53		39 - 128	03/07/14 10:31	03/12/14 21:25	1
4-Bromofluorobenzene (Surr)	49		26 - 141	03/07/14 10:31	03/12/14 21:25	1
Toluene-d8 (Surr)	66		33 - 134	03/07/14 10:31	03/12/14 21:25	1
Dibromofluoromethane (Surr)	68		30 - 122	03/07/14 10:31	03/12/14 21:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-05
Date Collected: 03/05/14 16:35
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-5
Matrix: Solid
Percent Solids: 87.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**290**	**J**	1000	170	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Benzene	**610**		250	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Dichlorobromomethane	250	U	250	10	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Bromoform	250	U	250	19	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Bromomethane	250	U	250	29	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
2-Butanone (MEK)	**110**	**J**	1000	44	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Carbon disulfide	**34**	**J**	250	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Carbon tetrachloride	250	U	250	6.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Chlorobenzene	250	U	250	6.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Chloroethane	250	U *	250	62	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Chloroform	250	U	250	8.9	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Chloromethane	250	U	250	14	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,1-Dichloroethane	250	U	250	17	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,2-Dichloroethane	250	U	250	10	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,1-Dichloroethene	250	U	250	18	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,2-Dichloropropane	250	U	250	8.3	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
cis-1,3-Dichloropropene	250	U	250	8.0	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Ethylbenzene	**580**	**B**	250	5.5	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
2-Hexanone	1000	U	1000	20	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Methylene Chloride	250	U	250	78	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	49	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Styrene	250	U	250	5.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,1,2,2-Tetrachloroethane	250	U	250	9.0	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Tetrachloroethene	**63**	**J**	250	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Toluene	**2000**		250	17	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Trichloroethene	**63**	**J**	250	9.9	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Vinyl chloride	250	U	250	18	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Xylenes, Total	**3800**	**B**	510	6.3	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,1,1-Trichloroethane	**81**	**J**	250	21	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Cyclohexane	**1000**		510	41	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,2-Dibromo-3-Chloropropane	510	U	510	51	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Ethylene Dibromide	250	U	250	10	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
cis-1,2-Dichloroethene	250	U	250	7.0	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
trans-1,2-Dichloroethene	250	U	250	9.3	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Isopropylbenzene	**240**	**J**	250	6.6	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Methyl acetate	**350**	**J**	510	25	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Methyl tert-butyl ether	250	U	250	7.2	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	40	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,2,4-Trichlorobenzene	250	U	250	7.4	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,2-Dichlorobenzene	250	U	250	8.7	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,3-Dichlorobenzene	250	U	250	4.9	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
1,4-Dichlorobenzene	250	U	250	8.1	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Trichlorofluoromethane	250	U	250	16	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Chlorodibromomethane	250	U	250	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1
Methylcyclohexane	**3500**		510	12	ug/Kg	☼	03/07/14 10:31	03/12/14 21:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-05
Date Collected: 03/05/14 16:35
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-5
Matrix: Solid
Percent Solids: 87.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	57		39 - 128	03/07/14 10:31	03/12/14 21:47	1
4-Bromofluorobenzene (Surr)	49		26 - 141	03/07/14 10:31	03/12/14 21:47	1
Toluene-d8 (Surr)	67		33 - 134	03/07/14 10:31	03/12/14 21:47	1
Dibromofluoromethane (Surr)	70		30 - 122	03/07/14 10:31	03/12/14 21:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-06
Date Collected: 03/05/14 16:45
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-6
Matrix: Solid
Percent Solids: 86.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**480**	**J**	1800	310	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Benzene	**1300**		450	22	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Dichlorobromomethane	450	U	450	18	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Bromoform	450	U	450	34	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Bromomethane	450	U	450	53	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
2-Butanone (MEK)	**490**	**J**	1800	78	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Carbon disulfide	450	U	450	22	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Carbon tetrachloride	450	U	450	12	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Chlorobenzene	450	U	450	12	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Chloroethane	450	U *	450	110	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Chloroform	450	U	450	16	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Chloromethane	450	U	450	25	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,1-Dichloroethane	450	U	450	31	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,2-Dichloroethane	450	U	450	18	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,1-Dichloroethene	450	U	450	33	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,2-Dichloropropane	450	U	450	15	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
cis-1,3-Dichloropropene	450	U	450	14	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
trans-1,3-Dichloropropene	450	U	450	36	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Ethylbenzene	**1500**	**B**	450	9.8	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
2-Hexanone	1800	U	1800	36	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Methylene Chloride	450	U	450	140	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
4-Methyl-2-pentanone (MIBK)	1800	U	1800	87	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Styrene	**140**	**J B**	450	10	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,1,2,2-Tetrachloroethane	450	U	450	16	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Tetrachloroethene	**140**	**J**	450	22	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Toluene	**5100**		450	31	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Trichloroethene	**410**	**J**	450	18	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Vinyl chloride	450	U	450	33	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Xylenes, Total	**11000**	**B**	910	11	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,1,1-Trichloroethane	**560**		450	38	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,1,2-Trichloroethane	450	U	450	22	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Cyclohexane	**3900**		910	73	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,2-Dibromo-3-Chloropropane	910	U	910	91	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Ethylene Dibromide	450	U	450	18	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Dichlorodifluoromethane	450	U	450	29	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
cis-1,2-Dichloroethene	450	U	450	13	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
trans-1,2-Dichloroethene	450	U	450	17	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Isopropylbenzene	**640**		450	12	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Methyl acetate	**690**	**J**	910	45	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Methyl tert-butyl ether	450	U	450	13	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	450	U	450	71	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,2,4-Trichlorobenzene	450	U	450	13	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,2-Dichlorobenzene	450	U	450	16	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,3-Dichlorobenzene	450	U	450	8.7	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
1,4-Dichlorobenzene	450	U	450	15	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Trichlorofluoromethane	**120**	**J**	450	29	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Chlorodibromomethane	450	U	450	22	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1
Methylcyclohexane	**11000**		910	22	ug/Kg	☼	03/07/14 10:31	03/14/14 09:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-06
Date Collected: 03/05/14 16:45
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-6
Matrix: Solid
Percent Solids: 86.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		39 - 128	03/07/14 10:31	03/14/14 09:38	1
4-Bromofluorobenzene (Surr)	62		26 - 141	03/07/14 10:31	03/14/14 09:38	1
Toluene-d8 (Surr)	72		33 - 134	03/07/14 10:31	03/14/14 09:38	1
Dibromofluoromethane (Surr)	79		30 - 122	03/07/14 10:31	03/14/14 09:38	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(58-123)	(52-136)	(67-125)	(37-132)
240-34750-1	S-12616-030514-DN-01	67	85	87	77
240-34750-2	S-12616-030514-DN-02	68	90	88	78
LCS 240-122252/5	Lab Control Sample	67	85	93	86
MB 240-122252/6	Method Blank	71	85	88	83

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(39-128)	(26-141)	(33-134)	(30-122)
240-34750-3	S-12616-030514-DN-03	52	42	66	67
240-34750-4	S-12616-030514-DN-04	53	49	66	68
240-34750-5	S-12616-030514-DN-05	57	49	67	70
240-34750-6	S-12616-030514-DN-06	77	62	72	79
LCS 240-121800/2-A	Lab Control Sample	77	88	95	97
MB 240-121800/1-A	Method Blank	77	92	97	93

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-121800/1-A
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1000	U	1000	170	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Benzene	250	U	250	12	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Dichlorobromomethane	250	U	250	9.9	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Bromoform	250	U	250	19	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Bromomethane	250	U	250	29	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
2-Butanone (MEK)	1000	U	1000	43	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Carbon disulfide	250	U	250	12	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Carbon tetrachloride	250	U	250	6.4	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Chlorobenzene	250	U	250	6.4	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Chloroethane	250	U	250	61	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Chloroform	250	U	250	8.8	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Chloromethane	250	U	250	14	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,1-Dichloroethane	250	U	250	17	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,2-Dichloroethane	250	U	250	10	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,1-Dichloroethene	250	U	250	18	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,2-Dichloropropane	250	U	250	8.2	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
cis-1,3-Dichloropropene	250	U	250	7.9	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Ethylbenzene	12.4	J	250	5.4	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
2-Hexanone	1000	U	1000	20	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Methylene Chloride	250	U	250	77	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	48	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Styrene	9.35	J	250	5.6	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,1,2,2-Tetrachloroethane	250	U	250	8.9	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Tetrachloroethene	250	U	250	12	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Toluene	250	U	250	17	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Trichloroethene	250	U	250	9.7	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Vinyl chloride	250	U	250	18	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Xylenes, Total	36.0	J	500	6.2	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,1,1-Trichloroethane	250	U	250	21	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Cyclohexane	500	U	500	40	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Ethylene Dibromide	250	U	250	10	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
cis-1,2-Dichloroethene	250	U	250	6.9	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
trans-1,2-Dichloroethene	250	U	250	9.2	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Isopropylbenzene	250	U	250	6.5	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Methyl acetate	500	U	500	25	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Methyl tert-butyl ether	250	U	250	7.1	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	39	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,2,4-Trichlorobenzene	11.7	J	250	7.3	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,2-Dichlorobenzene	250	U	250	8.6	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,3-Dichlorobenzene	250	U	250	4.8	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
1,4-Dichlorobenzene	250	U	250	8.0	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Trichlorofluoromethane	250	U	250	16	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Chlorodibromomethane	250	U	250	12	ug/Kg		03/07/14 10:31	03/12/14 20:43	1
Methylcyclohexane	500	U	500	12	ug/Kg		03/07/14 10:31	03/12/14 20:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-121800/1-A
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121800

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		39 - 128	03/07/14 10:31	03/12/14 20:43	1
4-Bromofluorobenzene (Surr)	92		26 - 141	03/07/14 10:31	03/12/14 20:43	1
Toluene-d8 (Surr)	97		33 - 134	03/07/14 10:31	03/12/14 20:43	1
Dibromofluoromethane (Surr)	93		30 - 122	03/07/14 10:31	03/12/14 20:43	1

Lab Sample ID: LCS 240-121800/2-A
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	2000	1440		ug/Kg		72	16 - 156
Benzene	1000	998		ug/Kg		100	70 - 117
Dichlorobromomethane	1000	773		ug/Kg		77	28 - 123
Bromoform	1000	596		ug/Kg		60	10 - 117
Bromomethane	1000	858		ug/Kg		86	10 - 114
2-Butanone (MEK)	2000	1510		ug/Kg		75	10 - 199
Carbon disulfide	1000	679		ug/Kg		68	10 - 132
Carbon tetrachloride	1000	814		ug/Kg		81	29 - 118
Chlorobenzene	1000	1050		ug/Kg		105	71 - 116
Chloroethane	1000	1490	*	ug/Kg		149	10 - 120
Chloroform	1000	970		ug/Kg		97	63 - 116
Chloromethane	1000	754		ug/Kg		75	25 - 110
1,1-Dichloroethane	1000	1010		ug/Kg		101	63 - 117
1,2-Dichloroethane	1000	782		ug/Kg		78	68 - 119
1,1-Dichloroethene	1000	993		ug/Kg		99	44 - 143
1,2-Dichloropropane	1000	996		ug/Kg		100	73 - 113
cis-1,3-Dichloropropene	1000	815		ug/Kg		81	25 - 120
trans-1,3-Dichloropropene	1000	800		ug/Kg		80	22 - 122
Ethylbenzene	1000	1120		ug/Kg		112	66 - 119
2-Hexanone	2000	1490		ug/Kg		75	43 - 130
Methylene Chloride	1000	1130		ug/Kg		113	27 - 172
4-Methyl-2-pentanone (MIBK)	2000	1610		ug/Kg		81	49 - 121
Styrene	1000	993		ug/Kg		99	60 - 120
1,1,2,2-Tetrachloroethane	1000	951		ug/Kg		95	54 - 121
Tetrachloroethene	1000	1050		ug/Kg		105	58 - 131
Toluene	1000	1050		ug/Kg		105	66 - 123
Trichloroethene	1000	1100		ug/Kg		110	59 - 124
Vinyl chloride	1000	746		ug/Kg		75	33 - 110
Xylenes, Total	2000	2380		ug/Kg		119	68 - 119
1,1,1-Trichloroethane	1000	916		ug/Kg		92	38 - 122
1,1,2-Trichloroethane	1000	1070		ug/Kg		107	74 - 114
Cyclohexane	1000	928		ug/Kg		93	40 - 120
1,2-Dibromo-3-Chloropropane	1000	740		ug/Kg		74	10 - 129
Ethylene Dibromide	1000	960		ug/Kg		96	47 - 123
Dichlorodifluoromethane	1000	522		ug/Kg		52	10 - 110
cis-1,2-Dichloroethene	1000	1100		ug/Kg		110	60 - 125
trans-1,2-Dichloroethene	1000	1080		ug/Kg		108	58 - 121
Isopropylbenzene	1000	1070		ug/Kg		107	61 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-121800/2-A
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	5000	4640		ug/Kg		93	44 - 173
Methyl tert-butyl ether	1000	853		ug/Kg		85	34 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1010		ug/Kg		101	48 - 151
1,2,4-Trichlorobenzene	1000	916		ug/Kg		92	41 - 135
1,2-Dichlorobenzene	1000	1070		ug/Kg		107	68 - 118
1,3-Dichlorobenzene	1000	1040		ug/Kg		104	66 - 121
1,4-Dichlorobenzene	1000	1030		ug/Kg		103	65 - 119
Trichlorofluoromethane	1000	583		ug/Kg		58	17 - 145
Chlorodibromomethane	1000	768		ug/Kg		77	22 - 113
Methylcyclohexane	1000	936		ug/Kg		94	41 - 133
m-Xylene & p-Xylene	1000	1260	*	ug/Kg		126	67 - 118
o-Xylene	1000	1120		ug/Kg		112	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*77*		*39 - 128*
4-Bromofluorobenzene (Surr)	*88*		*26 - 141*
Toluene-d8 (Surr)	*95*		*33 - 134*
Dibromofluoromethane (Surr)	*97*		*30 - 122*

Lab Sample ID: MB 240-122252/6
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg			03/12/14 12:50	1
Benzene	5.0	U	5.0	0.23	ug/Kg			03/12/14 12:50	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg			03/12/14 12:50	1
Bromoform	5.0	U	5.0	0.33	ug/Kg			03/12/14 12:50	1
Bromomethane	5.0	U	5.0	0.54	ug/Kg			03/12/14 12:50	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg			03/12/14 12:50	1
Carbon disulfide	5.0	U	5.0	0.44	ug/Kg			03/12/14 12:50	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg			03/12/14 12:50	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg			03/12/14 12:50	1
Chloroethane	5.0	U	5.0	0.86	ug/Kg			03/12/14 12:50	1
Chloroform	5.0	U	5.0	0.29	ug/Kg			03/12/14 12:50	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg			03/12/14 12:50	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg			03/12/14 12:50	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg			03/12/14 12:50	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg			03/12/14 12:50	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg			03/12/14 12:50	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg			03/12/14 12:50	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg			03/12/14 12:50	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg			03/12/14 12:50	1
2-Hexanone	20	U	20	0.63	ug/Kg			03/12/14 12:50	1
Methylene Chloride	5.0	U	5.0	0.67	ug/Kg			03/12/14 12:50	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg			03/12/14 12:50	1
Styrene	5.0	U	5.0	0.15	ug/Kg			03/12/14 12:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-122252/6
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg			03/12/14 12:50	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg			03/12/14 12:50	1
Toluene	5.0	U	5.0	0.27	ug/Kg			03/12/14 12:50	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg			03/12/14 12:50	1
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg			03/12/14 12:50	1
Xylenes, Total	10	U	10	0.35	ug/Kg			03/12/14 12:50	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg			03/12/14 12:50	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg			03/12/14 12:50	1
Cyclohexane	10	U	10	0.33	ug/Kg			03/12/14 12:50	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg			03/12/14 12:50	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg			03/12/14 12:50	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg			03/12/14 12:50	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg			03/12/14 12:50	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg			03/12/14 12:50	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg			03/12/14 12:50	1
Methyl acetate	10	U	10	1.4	ug/Kg			03/12/14 12:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.43	ug/Kg			03/12/14 12:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg			03/12/14 12:50	1
1,2,4-Trichlorobenzene	0.533	J	5.0	0.27	ug/Kg			03/12/14 12:50	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg			03/12/14 12:50	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg			03/12/14 12:50	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg			03/12/14 12:50	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg			03/12/14 12:50	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg			03/12/14 12:50	1
Methylcyclohexane	10	U	10	0.31	ug/Kg			03/12/14 12:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*71*		*58 - 123*		*03/12/14 12:50*	*1*
4-Bromofluorobenzene (Surr)	*85*		*52 - 136*		*03/12/14 12:50*	*1*
Toluene-d8 (Surr)	*88*		*67 - 125*		*03/12/14 12:50*	*1*
Dibromofluoromethane (Surr)	*83*		*37 - 132*		*03/12/14 12:50*	*1*

Lab Sample ID: LCS 240-122252/5
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	69.3		ug/Kg		69	41 - 137
Benzene	50.0	52.9		ug/Kg		106	79 - 112
Dichlorobromomethane	50.0	45.3		ug/Kg		91	84 - 122
Bromoform	50.0	35.4		ug/Kg		71	62 - 133
Bromomethane	50.0	49.8		ug/Kg		100	42 - 136
2-Butanone (MEK)	100	72.8		ug/Kg		73	52 - 131
Carbon disulfide	50.0	63.4		ug/Kg		127	62 - 146
Carbon tetrachloride	50.0	48.5		ug/Kg		97	71 - 129
Chlorobenzene	50.0	53.6		ug/Kg		107	78 - 110
Chloroethane	50.0	83.9	*	ug/Kg		168	58 - 117
Chloroform	50.0	50.0		ug/Kg		100	77 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-122252/5
Matrix: Solid
Analysis Batch: 122252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	50.1		ug/Kg		100	50 - 110
1,1-Dichloroethane	50.0	52.6		ug/Kg		105	76 - 115
1,2-Dichloroethane	50.0	40.4		ug/Kg		81	72 - 120
1,1-Dichloroethene	50.0	59.1		ug/Kg		118	75 - 135
1,2-Dichloropropane	50.0	51.2		ug/Kg		102	87 - 113
cis-1,3-Dichloropropene	50.0	48.9		ug/Kg		98	74 - 128
trans-1,3-Dichloropropene	50.0	48.7		ug/Kg		97	73 - 131
Ethylbenzene	50.0	56.2		ug/Kg		112	79 - 117
2-Hexanone	100	70.0		ug/Kg		70	64 - 136
Methylene Chloride	50.0	60.2	*	ug/Kg		120	75 - 118
4-Methyl-2-pentanone (MIBK)	100	79.8		ug/Kg		80	67 - 135
Styrene	50.0	51.9		ug/Kg		104	87 - 117
1,1,2,2-Tetrachloroethane	50.0	47.7		ug/Kg		95	77 - 123
Tetrachloroethene	50.0	54.8		ug/Kg		110	79 - 114
Toluene	50.0	54.3		ug/Kg		109	75 - 111
Trichloroethene	50.0	55.9		ug/Kg		112	79 - 113
Vinyl chloride	50.0	49.2		ug/Kg		98	57 - 114
Xylenes, Total	100	112		ug/Kg		112	80 - 118
1,1,1-Trichloroethane	50.0	50.7		ug/Kg		101	77 - 126
1,1,2-Trichloroethane	50.0	50.7		ug/Kg		101	83 - 112
Cyclohexane	50.0	54.8		ug/Kg		110	66 - 110
1,2-Dibromo-3-Chloropropane	50.0	39.3		ug/Kg		79	61 - 132
Ethylene Dibromide	50.0	48.6		ug/Kg		97	83 - 117
Dichlorodifluoromethane	50.0	40.6		ug/Kg		81	26 - 113
cis-1,2-Dichloroethene	50.0	56.8	*	ug/Kg		114	76 - 113
trans-1,2-Dichloroethene	50.0	61.0	*	ug/Kg		122	78 - 117
Isopropylbenzene	50.0	57.2		ug/Kg		114	76 - 122
Methyl acetate	250	207		ug/Kg		83	57 - 130
Methyl tert-butyl ether	50.0	42.9		ug/Kg		86	49 - 165
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	56.4		ug/Kg		113	82 - 138
1,2,4-Trichlorobenzene	50.0	48.8		ug/Kg		98	64 - 124
1,2-Dichlorobenzene	50.0	54.8		ug/Kg		110	76 - 110
1,3-Dichlorobenzene	50.0	53.9		ug/Kg		108	78 - 111
1,4-Dichlorobenzene	50.0	53.9		ug/Kg		108	75 - 110
Trichlorofluoromethane	50.0	41.6		ug/Kg		83	57 - 146
Chlorodibromomethane	50.0	47.6		ug/Kg		95	72 - 127
Methylcyclohexane	50.0	54.3		ug/Kg		109	70 - 126
m-Xylene & p-Xylene	50.0	55.4		ug/Kg		111	80 - 117
o-Xylene	50.0	56.6		ug/Kg		113	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*67*		*58 - 123*
4-Bromofluorobenzene (Surr)	*85*		*52 - 136*
Toluene-d8 (Surr)	*93*		*67 - 125*
Dibromofluoromethane (Surr)	*86*		*37 - 132*

GC/MS VOA

Prep Batch: 121797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34750-1	S-12616-030514-DN-01	Total/NA	Solid	5035	
240-34750-2	S-12616-030514-DN-02	Total/NA	Solid	5035	

Prep Batch: 121800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34750-3	S-12616-030514-DN-03	Total/NA	Solid	5035	
240-34750-4	S-12616-030514-DN-04	Total/NA	Solid	5035	
240-34750-5	S-12616-030514-DN-05	Total/NA	Solid	5035	
240-34750-6	S-12616-030514-DN-06	Total/NA	Solid	5035	
LCS 240-121800/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-121800/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 122252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34750-1	S-12616-030514-DN-01	Total/NA	Solid	8260B	121797
240-34750-2	S-12616-030514-DN-02	Total/NA	Solid	8260B	121797
240-34750-3	S-12616-030514-DN-03	Total/NA	Solid	8260B	121800
240-34750-4	S-12616-030514-DN-04	Total/NA	Solid	8260B	121800
240-34750-5	S-12616-030514-DN-05	Total/NA	Solid	8260B	121800
LCS 240-121800/2-A	Lab Control Sample	Total/NA	Solid	8260B	121800
LCS 240-122252/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-121800/1-A	Method Blank	Total/NA	Solid	8260B	121800
MB 240-122252/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 122489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34750-6	S-12616-030514-DN-06	Total/NA	Solid	8260B	121800

General Chemistry

Analysis Batch: 121851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34750-1	S-12616-030514-DN-01	Total/NA	Solid	Moisture	
240-34750-2	S-12616-030514-DN-02	Total/NA	Solid	Moisture	
240-34750-3	S-12616-030514-DN-03	Total/NA	Solid	Moisture	
240-34750-4	S-12616-030514-DN-04	Total/NA	Solid	Moisture	
240-34750-5	S-12616-030514-DN-05	Total/NA	Solid	Moisture	
240-34750-6	S-12616-030514-DN-06	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-01

Lab Sample ID: 240-34750-1

Date Collected: 03/05/14 10:40
Matrix: Solid
Date Received: 03/07/14 08:05
Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			121797	03/07/14 10:30	TJT	TAL CAN
Total/NA	Analysis	8260B		1	122252	03/12/14 19:38	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	121851	03/07/14 13:45	NJE	TAL CAN

Client Sample ID: S-12616-030514-DN-02

Lab Sample ID: 240-34750-2

Date Collected: 03/05/14 10:50
Matrix: Solid
Date Received: 03/07/14 08:05
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			121797	03/07/14 10:30	TJT	TAL CAN
Total/NA	Analysis	8260B		1	122252	03/12/14 20:00	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	121851	03/07/14 13:45	NJE	TAL CAN

Client Sample ID: S-12616-030514-DN-03

Lab Sample ID: 240-34750-3

Date Collected: 03/05/14 15:35
Matrix: Solid
Date Received: 03/07/14 08:05
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			121800	03/07/14 10:31	TJT	TAL CAN
Total/NA	Analysis	8260B		1	122252	03/12/14 21:04	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	121851	03/07/14 13:45	NJE	TAL CAN

Client Sample ID: S-12616-030514-DN-04

Lab Sample ID: 240-34750-4

Date Collected: 03/05/14 15:45
Matrix: Solid
Date Received: 03/07/14 08:05
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			121800	03/07/14 10:31	TJT	TAL CAN
Total/NA	Analysis	8260B		1	122252	03/12/14 21:25	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	121851	03/07/14 13:45	NJE	TAL CAN

Client Sample ID: S-12616-030514-DN-05

Lab Sample ID: 240-34750-5

Date Collected: 03/05/14 16:35
Matrix: Solid
Date Received: 03/07/14 08:05
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			121800	03/07/14 10:31	TJT	TAL CAN
Total/NA	Analysis	8260B		1	122252	03/12/14 21:47	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	121851	03/07/14 13:49	NJE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Client Sample ID: S-12616-030514-DN-06
Date Collected: 03/05/14 16:45
Date Received: 03/07/14 08:05

Lab Sample ID: 240-34750-6
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			121800	03/07/14 10:31	TJT	TAL CAN
Total/NA	Analysis	8260B		1	122489	03/14/14 09:38	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	121851	03/07/14 13:49	NJE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-34750-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

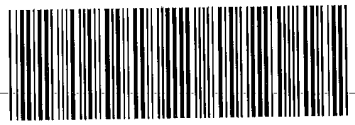
Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-14
Kansas	NELAP	7	E-10336	04-01-14 *
Kentucky (UST)	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-34750 Chain of Custody

Chain of Custody Record

Temperature on Receipt 1.2

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	3-6-14	259390
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Meckler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria, OH			
Contract/Purchase Order/Quote No.			
12616-TO2			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	Special Instructions/ Conditions of Receipt
S-12616-030514-DN-01	3-5-14	1040				✓							✓	* Encores — short hold time
02		1050				✓							✓	
03		1535				✓							✓	
04		1545				✓							✓	
05		1635				✓							✓	
06		1645				✓							✓	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☑ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	3-6-14	1730	1. Received By: Gary Burns	3/7/14	0805
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 34750**
Canton Facility

Client CRA Site Name Elyria, OH

Cooler unpacked by: Denny Burns

Cooler Received on 3/7/14 Opened on 3/7/14

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C)	Observed Cooler Temp. 1.2 °C	Corrected Cooler Temp. 1.2 °C
IR GUN# 4	(CF -1 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 5	(CF +1 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 8	(CF +1 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C

☐ See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity ____ Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC391982
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other
Concerning ____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: Denny Burns

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container.
Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.
Time preserved: ____ Preservative(s) added/Lot number(s): ____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-34885-1
Client Project/Site: 12616-T02-007, OVAP Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
3/24/2014 10:04:55 AM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-34885-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-007, OVAP Racer Elyria

Report Number: 240-34885-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may contain sample results between the MDL and RL. Results below the RL are not certified under the Ohio Voluntary Action Program.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable. The following requested analytes, parameter groups or methods analyzed and contained in this report are not certified by the laboratory: Cyclohexane, Methyl Acetate, Methylcyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane by SW846 8260B (Samples 1 - 8).

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 3/12/2014 8:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples S-12616-031014-DN-07 (240-34885-1), S-12616-031014-DN-08 (240-34885-2), S-12616-031014-DN-09 (240-34885-3), S-12616-031114-DN-10 (240-34885-4), S-12616-031114-DN-11 (240-34885-5), S-12616-031114-DN-12 (240-34885-6), S-12616-031114-DN-13 (240-34885-7) and S-12616-031114-DN-14 (240-34885-8) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/12/2014 and analyzed on 03/13/2014 and 03/14/2014.

Job ID: 240-34885-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

Methylene Chloride was detected in method blank MB 240-122265/2-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 122278.

Samples S-12616-031014-DN-08 (240-34885-2), S-12616-031114-DN-11 (240-34885-5) were reanalyzed at a dilution due to internal standard recoveries outside of acceptance limits, per Ohio VAP requirements. Only compounds associated with internal standards that met criteria are reported from each analysis.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-34885-1	S-12616-031014-DN-07	Solid	03/10/14 15:10	03/12/14 08:45
240-34885-2	S-12616-031014-DN-08	Solid	03/10/14 17:25	03/12/14 08:45
240-34885-3	S-12616-031014-DN-09	Solid	03/10/14 18:05	03/12/14 08:45
240-34885-4	S-12616-031114-DN-10	Solid	03/11/14 10:30	03/12/14 08:45
240-34885-5	S-12616-031114-DN-11	Solid	03/11/14 11:35	03/12/14 08:45
240-34885-6	S-12616-031114-DN-12	Solid	03/11/14 13:45	03/12/14 08:45
240-34885-7	S-12616-031114-DN-13	Solid	03/11/14 14:15	03/12/14 08:45
240-34885-8	S-12616-031114-DN-14	Solid	03/11/14 14:35	03/12/14 08:45

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-07 — Lab Sample ID: 240-34885-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	130	J	220	4.8	ug/Kg	1	☼	8260B	Total/NA
Toluene	31	J	220	15	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	2000		450	5.5	ug/Kg	1	☼	8260B	Total/NA
Methyl acetate	24	J	450	22	ug/Kg	1	☼	8260B	Total/NA
1,2,4-Trichlorobenzene	6.9	J	220	6.5	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-031014-DN-08 — Lab Sample ID: 240-34885-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylcyclohexane	0.40	J	9.2	0.29	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-031014-DN-09 — Lab Sample ID: 240-34885-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.70	J	5.0	0.44	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.52	J	5.0	0.27	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	5.0	J	10	0.35	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-031114-DN-10 — Lab Sample ID: 240-34885-4

No Detections.

Client Sample ID: S-12616-031114-DN-11 — Lab Sample ID: 240-34885-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	31		21	6.6	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	8.8	J	21	1.5	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-031114-DN-12 — Lab Sample ID: 240-34885-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	400		23	7.1	ug/Kg	1	☼	8260B	Total/NA
Benzene	0.58	J	5.6	0.26	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	34		23	1.6	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	1.3	J	5.6	0.50	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	1.4	J	5.6	0.29	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	1.1	J	23	0.61	ug/Kg	1	☼	8260B	Total/NA
Toluene	2.5	J	5.6	0.30	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	9.3	J	11	0.39	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	6.3	J	11	0.37	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	0.56	J	5.6	0.18	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	12		11	0.35	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-031114-DN-13 — Lab Sample ID: 240-34885-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.2	J	4.6	0.21	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	2.2	J	18	1.3	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	4.0	J	4.6	0.40	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	3.4	J	4.6	0.24	ug/Kg	1	☼	8260B	Total/NA
Toluene	4.1	J	4.6	0.25	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: S-12616-031114-DN-13 (Continued)

Lab Sample ID: 240-34885-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.3	J	4.6	0.39	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	27		9.2	0.32	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	32		9.2	0.30	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	0.51	J	4.6	0.33	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	2.2	J	4.6	0.15	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	69		9.2	0.28	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: S-12616-031114-DN-14

Lab Sample ID: 240-34885-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.1	J	4.9	0.23	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	2.7	J	20	1.4	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	5.6		4.9	0.43	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	7.3		4.9	0.26	ug/Kg	1	☼	8260B	Total/NA
Toluene	8.0		4.9	0.27	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.89	J	4.9	0.41	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	59		9.9	0.35	ug/Kg	1	☼	8260B	Total/NA
Cyclohexane	45		9.9	0.33	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	4.9		4.9	0.16	ug/Kg	1	☼	8260B	Total/NA
Methylcyclohexane	110		9.9	0.31	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-07
Date Collected: 03/10/14 15:10
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-1
Matrix: Solid
Percent Solids: 85.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	890	U	890	150	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Benzene	220	U	220	11	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Dichlorobromomethane	220	U	220	8.8	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Bromoform	220	U	220	17	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Bromomethane	220	U	220	26	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
2-Butanone (MEK)	890	U	890	38	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Carbon disulfide	220	U	220	11	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Carbon tetrachloride	220	U	220	5.7	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Chlorobenzene	220	U	220	5.7	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Chloroethane	220	U	220	54	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Chloroform	220	U	220	7.8	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Chloromethane	220	U	220	12	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,1-Dichloroethane	220	U	220	15	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,2-Dichloroethane	220	U	220	8.9	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,1-Dichloroethene	220	U	220	16	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,2-Dichloropropane	220	U	220	7.3	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
cis-1,3-Dichloropropene	220	U	220	7.0	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
trans-1,3-Dichloropropene	220	U	220	18	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Ethylbenzene	**130**	**J**	220	4.8	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
2-Hexanone	890	U	890	18	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Methylene Chloride	220	U	220	69	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
4-Methyl-2-pentanone (MIBK)	890	U	890	43	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Styrene	220	U	220	5.0	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,1,2,2-Tetrachloroethane	220	U	220	7.9	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Tetrachloroethene	220	U	220	11	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Toluene	**31**	**J**	220	15	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Trichloroethene	220	U	220	8.6	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Vinyl chloride	220	U	220	16	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Xylenes, Total	**2000**		450	5.5	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,1,1-Trichloroethane	220	U	220	19	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,1,2-Trichloroethane	220	U	220	11	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Cyclohexane	450	U	450	36	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,2-Dibromo-3-Chloropropane	450	U	450	45	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Ethylene Dibromide	220	U	220	8.9	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Dichlorodifluoromethane	220	U	220	14	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
cis-1,2-Dichloroethene	220	U	220	6.1	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
trans-1,2-Dichloroethene	220	U	220	8.2	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Isopropylbenzene	220	U	220	5.8	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Methyl acetate	**24**	**J**	450	22	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Methyl tert-butyl ether	220	U	220	6.3	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	220	U	220	35	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,2,4-Trichlorobenzene	**6.9**	**J**	220	6.5	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,2-Dichlorobenzene	220	U	220	7.7	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,3-Dichlorobenzene	220	U	220	4.3	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
1,4-Dichlorobenzene	220	U	220	7.1	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Trichlorofluoromethane	220	U	220	14	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Chlorodibromomethane	220	U	220	11	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1
Methylcyclohexane	450	U	450	11	ug/Kg	☼	03/12/14 13:40	03/13/14 13:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-07
Date Collected: 03/10/14 15:10
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-1
Matrix: Solid
Percent Solids: 85.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		39 - 128	03/12/14 13:40	03/13/14 13:53	1
4-Bromofluorobenzene (Surr)	81		26 - 141	03/12/14 13:40	03/13/14 13:53	1
Toluene-d8 (Surr)	79		33 - 134	03/12/14 13:40	03/13/14 13:53	1
Dibromofluoromethane (Surr)	87		30 - 122	03/12/14 13:40	03/13/14 13:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-08
Date Collected: 03/10/14 17:25
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-2
Matrix: Solid
Percent Solids: 96.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	18	U	18	5.8	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Benzene	4.6	U	4.6	0.21	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Dichlorobromomethane	4.6	U	4.6	0.26	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Bromoform	4.6	U	4.6	0.30	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Bromomethane	4.6	U	4.6	0.50	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
2-Butanone (MEK)	18	U	18	1.3	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Carbon disulfide	4.6	U	4.6	0.41	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Carbon tetrachloride	4.6	U	4.6	0.34	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Chlorobenzene	4.6	U	4.6	0.30	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Chloroethane	4.6	U	4.6	0.79	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Chloroform	4.6	U	4.6	0.27	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Chloromethane	4.6	U	4.6	0.38	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,1-Dichloroethane	4.6	U	4.6	0.33	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,2-Dichloroethane	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,1-Dichloroethene	4.6	U	4.6	0.48	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,2-Dichloropropane	4.6	U	4.6	0.64	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
cis-1,3-Dichloropropene	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
trans-1,3-Dichloropropene	4.6	U	4.6	0.50	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Ethylbenzene	4.6	U	4.6	0.24	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
2-Hexanone	18	U	18	0.58	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Methylene Chloride	4.6	U	4.6	0.62	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
4-Methyl-2-pentanone (MIBK)	18	U	18	0.50	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Styrene	4.6	U	4.6	0.14	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,1,2,2-Tetrachloroethane	230	U	230	8.1	ug/Kg	☼	03/12/14 13:40	03/14/14 09:59	1
Tetrachloroethene	4.6	U	4.6	0.48	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Toluene	4.6	U	4.6	0.25	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Trichloroethene	4.6	U	4.6	0.39	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Vinyl chloride	4.6	U	4.6	0.36	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Xylenes, Total	9.2	U	9.2	0.32	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,1,1-Trichloroethane	4.6	U	4.6	0.52	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,1,2-Trichloroethane	4.6	U	4.6	0.36	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Cyclohexane	9.2	U	9.2	0.30	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,2-Dibromo-3-Chloropropane	460	U	460	46	ug/Kg	☼	03/12/14 13:40	03/14/14 09:59	1
Ethylene Dibromide	4.6	U	4.6	0.46	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Dichlorodifluoromethane	4.6	U	4.6	0.46	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
cis-1,2-Dichloroethene	4.6	U	4.6	0.33	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
trans-1,2-Dichloroethene	4.6	U	4.6	0.38	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Isopropylbenzene	4.6	U	4.6	0.15	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Methyl acetate	9.2	U	9.2	1.3	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Methyl tert-butyl ether	4.6	U	4.6	0.40	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.6	U	4.6	1.2	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
1,2,4-Trichlorobenzene	230	U	230	6.7	ug/Kg	☼	03/12/14 13:40	03/14/14 09:59	1
1,2-Dichlorobenzene	230	U	230	7.8	ug/Kg	☼	03/12/14 13:40	03/14/14 09:59	1
1,3-Dichlorobenzene	230	U	230	4.4	ug/Kg	☼	03/12/14 13:40	03/14/14 09:59	1
1,4-Dichlorobenzene	230	U	230	7.3	ug/Kg	☼	03/12/14 13:40	03/14/14 09:59	1
Trichlorofluoromethane	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Chlorodibromomethane	4.6	U	4.6	0.51	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1
Methylcyclohexane	**0.40**	**J**	9.2	0.29	ug/Kg	☼	03/12/14 12:43	03/14/14 05:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-08
Date Collected: 03/10/14 17:25
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-2
Matrix: Solid
Percent Solids: 96.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		58 - 123	03/12/14 12:43	03/14/14 05:23	1
1,2-Dichloroethane-d4 (Surr)	95		39 - 128	03/12/14 13:40	03/14/14 09:59	1
4-Bromofluorobenzene (Surr)	56		52 - 136	03/12/14 12:43	03/14/14 05:23	1
4-Bromofluorobenzene (Surr)	82		26 - 141	03/12/14 13:40	03/14/14 09:59	1
Toluene-d8 (Surr)	125		67 - 125	03/12/14 12:43	03/14/14 05:23	1
Toluene-d8 (Surr)	87		33 - 134	03/12/14 13:40	03/14/14 09:59	1
Dibromofluoromethane (Surr)	113		37 - 132	03/12/14 12:43	03/14/14 05:23	1
Dibromofluoromethane (Surr)	95		30 - 122	03/12/14 13:40	03/14/14 09:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-09
Date Collected: 03/10/14 18:05
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-3
Matrix: Solid
Percent Solids: 83.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Benzene	5.0	U	5.0	0.23	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Bromoform	5.0	U	5.0	0.33	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Bromomethane	5.0	U	5.0	0.54	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Carbon disulfide	**0.70**	**J**	5.0	0.44	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Chloroethane	5.0	U	5.0	0.86	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Chloroform	5.0	U	5.0	0.29	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
2-Hexanone	20	U	20	0.63	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Methylene Chloride	5.0	U	5.0	0.67	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Styrene	5.0	U	5.0	0.15	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Toluene	**0.52**	**J**	5.0	0.27	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Xylenes, Total	**5.0**	**J**	10	0.35	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Cyclohexane	10	U	10	0.33	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Methyl acetate	10	U	10	1.4	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Methyl tert-butyl ether	5.0	U	5.0	0.43	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.27	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1
Methylcyclohexane	10	U	10	0.31	ug/Kg	☼	03/12/14 12:43	03/13/14 06:48	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031014-DN-09
Date Collected: 03/10/14 18:05
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-3
Matrix: Solid
Percent Solids: 83.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		58 - 123	03/12/14 12:43	03/13/14 06:48	1
4-Bromofluorobenzene (Surr)	91		52 - 136	03/12/14 12:43	03/13/14 06:48	1
Toluene-d8 (Surr)	102		67 - 125	03/12/14 12:43	03/13/14 06:48	1
Dibromofluoromethane (Surr)	102		37 - 132	03/12/14 12:43	03/13/14 06:48	1

Client Sample ID: S-12616-031114-DN-10
Date Collected: 03/11/14 10:30
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-4
Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	5.3	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Benzene	4.2	U	4.2	0.20	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Dichlorobromomethane	4.2	U	4.2	0.24	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Bromoform	4.2	U	4.2	0.28	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Bromomethane	4.2	U	4.2	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
2-Butanone (MEK)	17	U	17	1.2	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Carbon disulfide	4.2	U	4.2	0.37	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Carbon tetrachloride	4.2	U	4.2	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Chlorobenzene	4.2	U	4.2	0.28	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Chloroethane	4.2	U	4.2	0.73	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Chloroform	4.2	U	4.2	0.25	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Chloromethane	4.2	U	4.2	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,1-Dichloroethane	4.2	U	4.2	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,2-Dichloroethane	4.2	U	4.2	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,1-Dichloroethene	4.2	U	4.2	0.44	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,2-Dichloropropane	4.2	U	4.2	0.59	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
cis-1,3-Dichloropropene	4.2	U	4.2	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
trans-1,3-Dichloropropene	4.2	U	4.2	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Ethylbenzene	4.2	U	4.2	0.22	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
2-Hexanone	17	U	17	0.53	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Methylene Chloride	4.2	U	4.2	0.57	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
4-Methyl-2-pentanone (MIBK)	17	U	17	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Styrene	4.2	U	4.2	0.13	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,1,2,2-Tetrachloroethane	4.2	U	4.2	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Tetrachloroethene	4.2	U	4.2	0.44	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Toluene	4.2	U	4.2	0.23	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Trichloroethene	4.2	U	4.2	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Vinyl chloride	4.2	U	4.2	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Xylenes, Total	8.5	U	8.5	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,1,1-Trichloroethane	4.2	U	4.2	0.47	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,1,2-Trichloroethane	4.2	U	4.2	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Cyclohexane	8.5	U	8.5	0.28	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,2-Dibromo-3-Chloropropane	8.5	U	8.5	1.1	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Ethylene Dibromide	4.2	U	4.2	0.42	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Dichlorodifluoromethane	4.2	U	4.2	0.42	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
cis-1,2-Dichloroethene	4.2	U	4.2	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
trans-1,2-Dichloroethene	4.2	U	4.2	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Isopropylbenzene	4.2	U	4.2	0.14	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Methyl acetate	8.5	U	8.5	1.2	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Methyl tert-butyl ether	4.2	U	4.2	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.2	U	4.2	1.1	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,2,4-Trichlorobenzene	4.2	U	4.2	0.23	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,2-Dichlorobenzene	4.2	U	4.2	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,3-Dichlorobenzene	4.2	U	4.2	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
1,4-Dichlorobenzene	4.2	U	4.2	0.56	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Trichlorofluoromethane	4.2	U	4.2	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Chlorodibromomethane	4.2	U	4.2	0.47	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1
Methylcyclohexane	8.5	U	8.5	0.26	ug/Kg	☼	03/12/14 12:56	03/13/14 07:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-10
Date Collected: 03/11/14 10:30
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-4
Matrix: Solid
Percent Solids: 87.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		58 - 123	03/12/14 12:56	03/13/14 07:10	1
4-Bromofluorobenzene (Surr)	92		52 - 136	03/12/14 12:56	03/13/14 07:10	1
Toluene-d8 (Surr)	102		67 - 125	03/12/14 12:56	03/13/14 07:10	1
Dibromofluoromethane (Surr)	108		37 - 132	03/12/14 12:56	03/13/14 07:10	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-11
Date Collected: 03/11/14 11:35
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-5
Matrix: Solid
Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**31**		21	6.6	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Benzene	5.2	U	5.2	0.24	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Dichlorobromomethane	5.2	U	5.2	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Bromoform	5.2	U	5.2	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Bromomethane	5.2	U	5.2	0.57	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
2-Butanone (MEK)	**8.8**	**J**	21	1.5	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Carbon disulfide	5.2	U	5.2	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Carbon tetrachloride	5.2	U	5.2	0.39	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Chlorobenzene	5.2	U	5.2	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Chloroethane	5.2	U	5.2	0.90	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Chloroform	5.2	U	5.2	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Chloromethane	5.2	U	5.2	0.43	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,1-Dichloroethane	5.2	U	5.2	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,2-Dichloroethane	5.2	U	5.2	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,1-Dichloroethene	5.2	U	5.2	0.55	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,2-Dichloropropane	5.2	U	5.2	0.72	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
cis-1,3-Dichloropropene	5.2	U	5.2	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
trans-1,3-Dichloropropene	5.2	U	5.2	0.57	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Ethylbenzene	5.2	U	5.2	0.27	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
2-Hexanone	21	U	21	0.66	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Methylene Chloride	5.2	U	5.2	0.70	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
4-Methyl-2-pentanone (MIBK)	21	U	21	0.57	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Styrene	5.2	U	5.2	0.16	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,1,2,2-Tetrachloroethane	250	U	250	9.0	ug/Kg	☼	03/12/14 13:40	03/14/14 10:21	1
Tetrachloroethene	5.2	U	5.2	0.55	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Toluene	5.2	U	5.2	0.28	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Trichloroethene	5.2	U	5.2	0.44	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Vinyl chloride	5.2	U	5.2	0.41	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Xylenes, Total	10	U	10	0.37	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,1,1-Trichloroethane	5.2	U	5.2	0.59	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,1,2-Trichloroethane	5.2	U	5.2	0.41	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Cyclohexane	10	U	10	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg	☼	03/12/14 13:40	03/14/14 10:21	1
Ethylene Dibromide	5.2	U	5.2	0.52	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Dichlorodifluoromethane	5.2	U	5.2	0.52	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
cis-1,2-Dichloroethene	5.2	U	5.2	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
trans-1,2-Dichloroethene	5.2	U	5.2	0.43	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Isopropylbenzene	5.2	U	5.2	0.17	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Methyl acetate	10	U	10	1.5	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Methyl tert-butyl ether	5.2	U	5.2	0.45	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2	U	5.2	1.4	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
1,2,4-Trichlorobenzene	250	U	250	7.4	ug/Kg	☼	03/12/14 13:40	03/14/14 10:21	1
1,2-Dichlorobenzene	250	U	250	8.7	ug/Kg	☼	03/12/14 13:40	03/14/14 10:21	1
1,3-Dichlorobenzene	250	U	250	4.8	ug/Kg	☼	03/12/14 13:40	03/14/14 10:21	1
1,4-Dichlorobenzene	250	U	250	8.1	ug/Kg	☼	03/12/14 13:40	03/14/14 10:21	1
Trichlorofluoromethane	5.2	U	5.2	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Chlorodibromomethane	5.2	U	5.2	0.58	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1
Methylcyclohexane	10	U	10	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 07:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-11
Date Collected: 03/11/14 11:35
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-5
Matrix: Solid
Percent Solids: 84.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 123	03/12/14 12:56	03/13/14 07:31	1
1,2-Dichloroethane-d4 (Surr)	84		39 - 128	03/12/14 13:40	03/14/14 10:21	1
4-Bromofluorobenzene (Surr)	70		52 - 136	03/12/14 12:56	03/13/14 07:31	1
4-Bromofluorobenzene (Surr)	71		26 - 141	03/12/14 13:40	03/14/14 10:21	1
Toluene-d8 (Surr)	116		67 - 125	03/12/14 12:56	03/13/14 07:31	1
Toluene-d8 (Surr)	76		33 - 134	03/12/14 13:40	03/14/14 10:21	1
Dibromofluoromethane (Surr)	106		37 - 132	03/12/14 12:56	03/13/14 07:31	1
Dibromofluoromethane (Surr)	84		30 - 122	03/12/14 13:40	03/14/14 10:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-12
Date Collected: 03/11/14 13:45
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-6
Matrix: Solid
Percent Solids: 89.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**400**		23	7.1	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Benzene	**0.58**	**J**	5.6	0.26	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Dichlorobromomethane	5.6	U	5.6	0.32	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Bromoform	5.6	U	5.6	0.37	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Bromomethane	5.6	U	5.6	0.61	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
2-Butanone (MEK)	**34**		23	1.6	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Carbon disulfide	**1.3**	**J**	5.6	0.50	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Carbon tetrachloride	5.6	U	5.6	0.42	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Chlorobenzene	5.6	U	5.6	0.37	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Chloroethane	5.6	U	5.6	0.97	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Chloroform	5.6	U	5.6	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Chloromethane	5.6	U	5.6	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,1-Dichloroethane	5.6	U	5.6	0.41	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,2-Dichloroethane	5.6	U	5.6	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,1-Dichloroethene	5.6	U	5.6	0.59	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,2-Dichloropropane	5.6	U	5.6	0.78	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
cis-1,3-Dichloropropene	5.6	U	5.6	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
trans-1,3-Dichloropropene	5.6	U	5.6	0.61	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Ethylbenzene	**1.4**	**J**	5.6	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
2-Hexanone	23	U	23	0.71	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Methylene Chloride	5.6	U	5.6	0.75	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
4-Methyl-2-pentanone (MIBK)	**1.1**	**J**	23	0.61	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Styrene	5.6	U	5.6	0.17	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,1,2,2-Tetrachloroethane	5.6	U	5.6	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Tetrachloroethene	5.6	U	5.6	0.59	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Toluene	**2.5**	**J**	5.6	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Trichloroethene	5.6	U	5.6	0.47	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Vinyl chloride	5.6	U	5.6	0.44	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Xylenes, Total	**9.3**	**J**	11	0.39	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,1,1-Trichloroethane	5.6	U	5.6	0.63	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,1,2-Trichloroethane	5.6	U	5.6	0.44	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Cyclohexane	**6.3**	**J**	11	0.37	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,2-Dibromo-3-Chloropropane	11	U	11	1.5	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Ethylene Dibromide	5.6	U	5.6	0.56	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Dichlorodifluoromethane	5.6	U	5.6	0.56	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
cis-1,2-Dichloroethene	5.6	U	5.6	0.41	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
trans-1,2-Dichloroethene	5.6	U	5.6	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Isopropylbenzene	**0.56**	**J**	5.6	0.18	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Methyl acetate	11	U	11	1.6	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Methyl tert-butyl ether	5.6	U	5.6	0.48	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.6	U	5.6	1.5	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,2,4-Trichlorobenzene	5.6	U	5.6	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,2-Dichlorobenzene	5.6	U	5.6	0.41	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,3-Dichlorobenzene	5.6	U	5.6	0.39	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
1,4-Dichlorobenzene	5.6	U	5.6	0.74	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Trichlorofluoromethane	5.6	U	5.6	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Chlorodibromomethane	5.6	U	5.6	0.62	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1
Methylcyclohexane	**12**		11	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 07:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-12
Date Collected: 03/11/14 13:45
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-6
Matrix: Solid
Percent Solids: 89.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		58 - 123	03/12/14 12:56	03/13/14 07:52	1
4-Bromofluorobenzene (Surr)	92		52 - 136	03/12/14 12:56	03/13/14 07:52	1
Toluene-d8 (Surr)	104		67 - 125	03/12/14 12:56	03/13/14 07:52	1
Dibromofluoromethane (Surr)	73		37 - 132	03/12/14 12:56	03/13/14 07:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-13
Date Collected: 03/11/14 14:15
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-7
Matrix: Solid
Percent Solids: 89.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	18	U	18	5.8	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Benzene	**1.2**	**J**	4.6	0.21	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Dichlorobromomethane	4.6	U	4.6	0.26	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Bromoform	4.6	U	4.6	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Bromomethane	4.6	U	4.6	0.50	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
2-Butanone (MEK)	**2.2**	**J**	18	1.3	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Carbon disulfide	**4.0**	**J**	4.6	0.40	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Carbon tetrachloride	4.6	U	4.6	0.34	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Chlorobenzene	4.6	U	4.6	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Chloroethane	4.6	U	4.6	0.79	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Chloroform	4.6	U	4.6	0.27	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Chloromethane	4.6	U	4.6	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,1-Dichloroethane	4.6	U	4.6	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,2-Dichloroethane	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,1-Dichloroethene	4.6	U	4.6	0.48	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,2-Dichloropropane	4.6	U	4.6	0.63	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
cis-1,3-Dichloropropene	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
trans-1,3-Dichloropropene	4.6	U	4.6	0.50	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Ethylbenzene	**3.4**	**J**	4.6	0.24	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
2-Hexanone	18	U	18	0.58	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Methylene Chloride	4.6	U	4.6	0.61	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
4-Methyl-2-pentanone (MIBK)	18	U	18	0.50	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Styrene	4.6	U	4.6	0.14	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,1,2,2-Tetrachloroethane	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Tetrachloroethene	4.6	U	4.6	0.48	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Toluene	**4.1**	**J**	4.6	0.25	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Trichloroethene	**1.3**	**J**	4.6	0.39	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Vinyl chloride	4.6	U	4.6	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Xylenes, Total	**27**		9.2	0.32	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,1,1-Trichloroethane	4.6	U	4.6	0.51	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,1,2-Trichloroethane	4.6	U	4.6	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Cyclohexane	**32**		9.2	0.30	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,2-Dibromo-3-Chloropropane	9.2	U	9.2	1.2	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Ethylene Dibromide	4.6	U	4.6	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Dichlorodifluoromethane	4.6	U	4.6	0.46	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
cis-1,2-Dichloroethene	**0.51**	**J**	4.6	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
trans-1,2-Dichloroethene	4.6	U	4.6	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Isopropylbenzene	**2.2**	**J**	4.6	0.15	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Methyl acetate	9.2	U	9.2	1.3	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Methyl tert-butyl ether	4.6	U	4.6	0.39	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.6	U	4.6	1.2	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,2,4-Trichlorobenzene	4.6	U	4.6	0.25	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,2-Dichlorobenzene	4.6	U	4.6	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,3-Dichlorobenzene	4.6	U	4.6	0.32	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
1,4-Dichlorobenzene	4.6	U	4.6	0.61	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Trichlorofluoromethane	4.6	U	4.6	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Chlorodibromomethane	4.6	U	4.6	0.50	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1
Methylcyclohexane	**69**		9.2	0.28	ug/Kg	☼	03/12/14 12:56	03/13/14 08:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-13
Date Collected: 03/11/14 14:15
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-7
Matrix: Solid
Percent Solids: 89.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		58 - 123	03/12/14 12:56	03/13/14 08:14	1
4-Bromofluorobenzene (Surr)	99		52 - 136	03/12/14 12:56	03/13/14 08:14	1
Toluene-d8 (Surr)	106		67 - 125	03/12/14 12:56	03/13/14 08:14	1
Dibromofluoromethane (Surr)	88		37 - 132	03/12/14 12:56	03/13/14 08:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-14
Date Collected: 03/11/14 14:35
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-8
Matrix: Solid
Percent Solids: 89.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.2	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Benzene	**2.1**	**J**	4.9	0.23	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Dichlorobromomethane	4.9	U	4.9	0.28	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Bromoform	4.9	U	4.9	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Bromomethane	4.9	U	4.9	0.53	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
2-Butanone (MEK)	**2.7**	**J**	20	1.4	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Carbon disulfide	**5.6**		4.9	0.43	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Carbon tetrachloride	4.9	U	4.9	0.36	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Chlorobenzene	4.9	U	4.9	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Chloroethane	4.9	U	4.9	0.85	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Chloroform	4.9	U	4.9	0.29	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Chloromethane	4.9	U	4.9	0.40	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,1-Dichloroethane	4.9	U	4.9	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,2-Dichloroethane	4.9	U	4.9	0.34	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,1-Dichloroethene	4.9	U	4.9	0.51	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,2-Dichloropropane	4.9	U	4.9	0.68	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
cis-1,3-Dichloropropene	4.9	U	4.9	0.34	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
trans-1,3-Dichloropropene	4.9	U	4.9	0.53	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Ethylbenzene	**7.3**		4.9	0.26	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
2-Hexanone	20	U	20	0.62	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Methylene Chloride	4.9	U	4.9	0.66	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.53	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Styrene	4.9	U	4.9	0.15	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,1,2,2-Tetrachloroethane	4.9	U	4.9	0.34	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Tetrachloroethene	4.9	U	4.9	0.51	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Toluene	**8.0**		4.9	0.27	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Trichloroethene	**0.89**	**J**	4.9	0.41	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Vinyl chloride	4.9	U	4.9	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Xylenes, Total	**59**		9.9	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,1,1-Trichloroethane	4.9	U	4.9	0.55	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,1,2-Trichloroethane	4.9	U	4.9	0.38	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Cyclohexane	**45**		9.9	0.33	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,2-Dibromo-3-Chloropropane	9.9	U	9.9	1.3	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Ethylene Dibromide	4.9	U	4.9	0.49	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Dichlorodifluoromethane	4.9	U	4.9	0.49	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
cis-1,2-Dichloroethene	4.9	U	4.9	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
trans-1,2-Dichloroethene	4.9	U	4.9	0.40	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Isopropylbenzene	**4.9**		4.9	0.16	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Methyl acetate	9.9	U	9.9	1.4	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Methyl tert-butyl ether	4.9	U	4.9	0.42	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	4.9	U	4.9	1.3	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,2,4-Trichlorobenzene	4.9	U	4.9	0.27	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,2-Dichlorobenzene	4.9	U	4.9	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,3-Dichlorobenzene	4.9	U	4.9	0.35	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
1,4-Dichlorobenzene	4.9	U	4.9	0.65	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Trichlorofluoromethane	4.9	U	4.9	0.34	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Chlorodibromomethane	4.9	U	4.9	0.54	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1
Methylcyclohexane	**110**		9.9	0.31	ug/Kg	☼	03/12/14 12:56	03/13/14 08:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-14
Date Collected: 03/11/14 14:35
Date Received: 03/12/14 08:45

Lab Sample ID: 240-34885-8
Matrix: Solid
Percent Solids: 89.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		58 - 123	03/12/14 12:56	03/13/14 08:35	1
4-Bromofluorobenzene (Surr)	98		52 - 136	03/12/14 12:56	03/13/14 08:35	1
Toluene-d8 (Surr)	111		67 - 125	03/12/14 12:56	03/13/14 08:35	1
Dibromofluoromethane (Surr)	74		37 - 132	03/12/14 12:56	03/13/14 08:35	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(39-128)	(26-141)	(33-134)	(30-122)
240-34885-1	S-12616-031014-DN-07	92	81	79	87
240-34885-2	S-12616-031014-DN-08	95	82	87	95
240-34885-5	S-12616-031114-DN-11	84	71	76	84
LCS 240-122278/2-A	Lab Control Sample	103	95	92	98
MB 240-122278/1-A	Method Blank	104	80	85	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(58-123)	(52-136)	(67-125)	(37-132)
240-34885-2	S-12616-031014-DN-08	101	56	125	113
240-34885-3	S-12616-031014-DN-09	93	91	102	102
240-34885-4	S-12616-031114-DN-10	99	92	102	108
240-34885-5	S-12616-031114-DN-11	94	70	116	106
240-34885-6	S-12616-031114-DN-12	95	92	104	73
240-34885-7	S-12616-031114-DN-13	96	99	106	88
240-34885-8	S-12616-031114-DN-14	94	98	111	74
LCS 240-122326/5	Lab Control Sample	96	100	105	109
LCS 240-122489/5	Lab Control Sample	93	97	102	106
MB 240-122265/1-A	Method Blank	99	94	102	107
MB 240-122265/2-A	Method Blank	98	87	97	112

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-122265/1-A
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Benzene	5.0	U	5.0	0.23	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Bromoform	5.0	U	5.0	0.33	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Bromomethane	5.0	U	5.0	0.54	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Carbon disulfide	5.0	U	5.0	0.44	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Chloroethane	5.0	U	5.0	0.86	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Chloroform	5.0	U	5.0	0.29	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
2-Hexanone	20	U	20	0.63	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Methylene Chloride	5.0	U	5.0	0.67	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Styrene	5.0	U	5.0	0.15	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Toluene	5.0	U	5.0	0.27	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Xylenes, Total	10	U	10	0.35	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Cyclohexane	10	U	10	0.33	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Methyl acetate	10	U	10	1.4	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Methyl tert-butyl ether	5.0	U	5.0	0.43	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.27	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg		03/12/14 12:43	03/13/14 06:06	1
Methylcyclohexane	10	U	10	0.31	ug/Kg		03/12/14 12:43	03/13/14 06:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-122265/1-A
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122265

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 123*	*03/12/14 12:43*	*03/13/14 06:06*	*1*
4-Bromofluorobenzene (Surr)	*94*		*52 - 136*	*03/12/14 12:43*	*03/13/14 06:06*	*1*
Toluene-d8 (Surr)	*102*		*67 - 125*	*03/12/14 12:43*	*03/13/14 06:06*	*1*
Dibromofluoromethane (Surr)	*107*		*37 - 132*	*03/12/14 12:43*	*03/13/14 06:06*	*1*

Lab Sample ID: MB 240-122265/2-A
Matrix: Solid
Analysis Batch: 122489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.3	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Benzene	5.0	U	5.0	0.23	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Dichlorobromomethane	5.0	U	5.0	0.28	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Bromoform	5.0	U	5.0	0.33	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Bromomethane	5.0	U	5.0	0.54	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
2-Butanone (MEK)	20	U	20	1.4	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Carbon disulfide	5.0	U	5.0	0.44	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Carbon tetrachloride	5.0	U	5.0	0.37	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Chlorobenzene	5.0	U	5.0	0.33	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Chloroethane	5.0	U	5.0	0.86	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Chloroform	5.0	U	5.0	0.29	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Chloromethane	5.0	U	5.0	0.41	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,1-Dichloroethane	5.0	U	5.0	0.36	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,2-Dichloroethane	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,1-Dichloroethene	5.0	U	5.0	0.52	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,2-Dichloropropane	5.0	U	5.0	0.69	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.54	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Ethylbenzene	5.0	U	5.0	0.26	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
2-Hexanone	20	U	20	0.63	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Methylene Chloride	1.28	J	5.0	0.67	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
4-Methyl-2-pentanone (MIBK)	20	U	20	0.54	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Styrene	5.0	U	5.0	0.15	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Tetrachloroethene	5.0	U	5.0	0.52	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Toluene	5.0	U	5.0	0.27	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Trichloroethene	5.0	U	5.0	0.42	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Vinyl chloride	5.0	U	5.0	0.39	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Xylenes, Total	10	U	10	0.35	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,1,1-Trichloroethane	5.0	U	5.0	0.56	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,1,2-Trichloroethane	5.0	U	5.0	0.39	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Cyclohexane	10	U	10	0.33	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,2-Dibromo-3-Chloropropane	10	U	10	1.3	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Ethylene Dibromide	5.0	U	5.0	0.50	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Dichlorodifluoromethane	5.0	U	5.0	0.50	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	0.36	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.41	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Isopropylbenzene	5.0	U	5.0	0.16	ug/Kg		03/12/14 12:43	03/14/14 04:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-122265/2-A
Matrix: Solid
Analysis Batch: 122489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	10	U	10	1.4	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Methyl tert-butyl ether	5.0	U	5.0	0.43	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.3	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.27	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,2-Dichlorobenzene	5.0	U	5.0	0.36	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,3-Dichlorobenzene	5.0	U	5.0	0.35	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
1,4-Dichlorobenzene	5.0	U	5.0	0.66	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Trichlorofluoromethane	5.0	U	5.0	0.34	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Chlorodibromomethane	5.0	U	5.0	0.55	ug/Kg		03/12/14 12:43	03/14/14 04:41	1
Methylcyclohexane	10	U	10	0.31	ug/Kg		03/12/14 12:43	03/14/14 04:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 123*	*03/12/14 12:43*	*03/14/14 04:41*	*1*
4-Bromofluorobenzene (Surr)	*87*		*52 - 136*	*03/12/14 12:43*	*03/14/14 04:41*	*1*
Toluene-d8 (Surr)	*97*		*67 - 125*	*03/12/14 12:43*	*03/14/14 04:41*	*1*
Dibromofluoromethane (Surr)	*112*		*37 - 132*	*03/12/14 12:43*	*03/14/14 04:41*	*1*

Lab Sample ID: MB 240-122278/1-A
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1000	U	1000	170	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Benzene	250	U	250	12	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Dichlorobromomethane	250	U	250	9.9	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Bromoform	250	U	250	19	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Bromomethane	250	U	250	29	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
2-Butanone (MEK)	1000	U	1000	43	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Carbon disulfide	250	U	250	12	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Carbon tetrachloride	250	U	250	6.4	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Chlorobenzene	250	U	250	6.4	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Chloroethane	250	U	250	61	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Chloroform	250	U	250	8.8	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Chloromethane	250	U	250	14	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,1-Dichloroethane	250	U	250	17	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,2-Dichloroethane	250	U	250	10	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,1-Dichloroethene	250	U	250	18	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,2-Dichloropropane	250	U	250	8.2	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
cis-1,3-Dichloropropene	250	U	250	7.9	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
trans-1,3-Dichloropropene	250	U	250	20	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Ethylbenzene	250	U	250	5.4	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
2-Hexanone	1000	U	1000	20	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Methylene Chloride	250	U	250	77	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
4-Methyl-2-pentanone (MIBK)	1000	U	1000	48	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Styrene	250	U	250	5.6	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,1,2,2-Tetrachloroethane	250	U	250	8.9	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Tetrachloroethene	250	U	250	12	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Toluene	250	U	250	17	ug/Kg		03/12/14 13:40	03/13/14 13:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-122278/1-A
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	250	U	250	9.7	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Vinyl chloride	250	U	250	18	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Xylenes, Total	500	U	500	6.2	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,1,1-Trichloroethane	250	U	250	21	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,1,2-Trichloroethane	250	U	250	12	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Cyclohexane	500	U	500	40	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,2-Dibromo-3-Chloropropane	500	U	500	50	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Ethylene Dibromide	250	U	250	10	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Dichlorodifluoromethane	250	U	250	16	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
cis-1,2-Dichloroethene	250	U	250	6.9	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
trans-1,2-Dichloroethene	250	U	250	9.2	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Isopropylbenzene	250	U	250	6.5	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Methyl acetate	500	U	500	25	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Methyl tert-butyl ether	250	U	250	7.1	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	39	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,2,4-Trichlorobenzene	250	U	250	7.3	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,2-Dichlorobenzene	250	U	250	8.6	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,3-Dichlorobenzene	250	U	250	4.8	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
1,4-Dichlorobenzene	250	U	250	8.0	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Trichlorofluoromethane	250	U	250	16	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Chlorodibromomethane	250	U	250	12	ug/Kg		03/12/14 13:40	03/13/14 13:11	1
Methylcyclohexane	500	U	500	12	ug/Kg		03/12/14 13:40	03/13/14 13:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*39 - 128*	*03/12/14 13:40*	*03/13/14 13:11*	*1*
4-Bromofluorobenzene (Surr)	*80*		*26 - 141*	*03/12/14 13:40*	*03/13/14 13:11*	*1*
Toluene-d8 (Surr)	*85*		*33 - 134*	*03/12/14 13:40*	*03/13/14 13:11*	*1*
Dibromofluoromethane (Surr)	*95*		*30 - 122*	*03/12/14 13:40*	*03/13/14 13:11*	*1*

Lab Sample ID: LCS 240-122278/2-A
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	2000	1360		ug/Kg		68	16 - 156
Benzene	1000	975		ug/Kg		98	70 - 117
Dichlorobromomethane	1000	899		ug/Kg		90	28 - 123
Bromoform	1000	713		ug/Kg		71	10 - 117
Bromomethane	1000	427		ug/Kg		43	10 - 114
2-Butanone (MEK)	2000	1620		ug/Kg		81	10 - 199
Carbon disulfide	1000	712		ug/Kg		71	10 - 132
Carbon tetrachloride	1000	909		ug/Kg		91	29 - 118
Chlorobenzene	1000	939		ug/Kg		94	71 - 116
Chloroethane	1000	498		ug/Kg		50	10 - 120
Chloroform	1000	968		ug/Kg		97	63 - 116
Chloromethane	1000	689		ug/Kg		69	25 - 110
1,1-Dichloroethane	1000	966		ug/Kg		97	63 - 117
1,2-Dichloroethane	1000	990		ug/Kg		99	68 - 119

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-122278/2-A
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1000	869		ug/Kg		87	44 - 143
1,2-Dichloropropane	1000	1000		ug/Kg		100	73 - 113
cis-1,3-Dichloropropene	1000	971		ug/Kg		97	25 - 120
trans-1,3-Dichloropropene	1000	984		ug/Kg		98	22 - 122
Ethylbenzene	1000	962		ug/Kg		96	66 - 119
2-Hexanone	2000	1520		ug/Kg		76	43 - 130
Methylene Chloride	1000	1020		ug/Kg		102	27 - 172
4-Methyl-2-pentanone (MIBK)	2000	1650		ug/Kg		83	49 - 121
Styrene	1000	947		ug/Kg		95	60 - 120
1,1,2,2-Tetrachloroethane	1000	774		ug/Kg		77	54 - 121
Tetrachloroethene	1000	923		ug/Kg		92	58 - 131
Toluene	1000	1000		ug/Kg		100	66 - 123
Trichloroethene	1000	970		ug/Kg		97	59 - 124
Vinyl chloride	1000	723		ug/Kg		72	33 - 110
Xylenes, Total	2000	1990		ug/Kg		100	68 - 119
1,1,1-Trichloroethane	1000	955		ug/Kg		95	38 - 122
1,1,2-Trichloroethane	1000	977		ug/Kg		98	74 - 114
Cyclohexane	1000	881		ug/Kg		88	40 - 120
1,2-Dibromo-3-Chloropropane	1000	583		ug/Kg		58	10 - 129
Ethylene Dibromide	1000	1010		ug/Kg		101	47 - 123
Dichlorodifluoromethane	1000	432		ug/Kg		43	10 - 110
cis-1,2-Dichloroethene	1000	1020		ug/Kg		102	60 - 125
trans-1,2-Dichloroethene	1000	998		ug/Kg		100	58 - 121
Isopropylbenzene	1000	913		ug/Kg		91	61 - 123
Methyl acetate	5000	4130		ug/Kg		83	44 - 173
Methyl tert-butyl ether	1000	1010		ug/Kg		101	34 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	951		ug/Kg		95	48 - 151
1,2,4-Trichlorobenzene	1000	706		ug/Kg		71	41 - 135
1,2-Dichlorobenzene	1000	867		ug/Kg		87	68 - 118
1,3-Dichlorobenzene	1000	881		ug/Kg		88	66 - 121
1,4-Dichlorobenzene	1000	821		ug/Kg		82	65 - 119
Trichlorofluoromethane	1000	778		ug/Kg		78	17 - 145
Chlorodibromomethane	1000	869		ug/Kg		87	22 - 113
Methylcyclohexane	1000	838		ug/Kg		84	41 - 133
m-Xylene & p-Xylene	1000	982		ug/Kg		98	67 - 118
o-Xylene	1000	1010		ug/Kg		101	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*39 - 128*
4-Bromofluorobenzene (Surr)	*95*		*26 - 141*
Toluene-d8 (Surr)	*92*		*33 - 134*
Dibromofluoromethane (Surr)	*98*		*30 - 122*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-122326/5
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	44.2		ug/Kg		88	41 - 137
Benzene	25.0	24.5		ug/Kg		98	79 - 112
Dichlorobromomethane	25.0	23.9		ug/Kg		95	84 - 122
Bromoform	25.0	21.0		ug/Kg		84	62 - 133
Bromomethane	25.0	26.8		ug/Kg		107	42 - 136
2-Butanone (MEK)	50.0	38.2		ug/Kg		76	52 - 131
Carbon disulfide	25.0	25.2		ug/Kg		101	62 - 146
Carbon tetrachloride	25.0	29.6		ug/Kg		118	71 - 129
Chlorobenzene	25.0	24.2		ug/Kg		97	78 - 110
Chloroethane	25.0	25.7		ug/Kg		103	58 - 117
Chloroform	25.0	24.7		ug/Kg		99	77 - 114
Chloromethane	25.0	23.1		ug/Kg		93	50 - 110
1,1-Dichloroethane	25.0	24.8		ug/Kg		99	76 - 115
1,2-Dichloroethane	25.0	22.8		ug/Kg		91	72 - 120
1,1-Dichloroethene	25.0	27.6		ug/Kg		110	75 - 135
1,2-Dichloropropane	25.0	24.1		ug/Kg		96	87 - 113
cis-1,3-Dichloropropene	25.0	23.4		ug/Kg		94	74 - 128
trans-1,3-Dichloropropene	25.0	24.6		ug/Kg		98	73 - 131
Ethylbenzene	25.0	26.5		ug/Kg		106	79 - 117
2-Hexanone	50.0	37.9		ug/Kg		76	64 - 136
Methylene Chloride	25.0	27.4		ug/Kg		110	75 - 118
4-Methyl-2-pentanone (MIBK)	50.0	38.5		ug/Kg		77	67 - 135
Styrene	25.0	24.1		ug/Kg		97	87 - 117
1,1,2,2-Tetrachloroethane	25.0	19.5		ug/Kg		78	77 - 123
Tetrachloroethene	25.0	27.7		ug/Kg		111	79 - 114
Toluene	25.0	26.4		ug/Kg		106	75 - 111
Trichloroethene	25.0	26.9		ug/Kg		107	79 - 113
Vinyl chloride	25.0	25.3		ug/Kg		101	57 - 114
Xylenes, Total	50.0	52.5		ug/Kg		105	80 - 118
1,1,1-Trichloroethane	25.0	28.4		ug/Kg		114	77 - 126
1,1,2-Trichloroethane	25.0	23.0		ug/Kg		92	83 - 112
Cyclohexane	25.0	26.7		ug/Kg		107	66 - 110
1,2-Dibromo-3-Chloropropane	25.0	18.2		ug/Kg		73	61 - 132
Ethylene Dibromide	25.0	23.8		ug/Kg		95	83 - 117
Dichlorodifluoromethane	25.0	22.9		ug/Kg		92	26 - 113
cis-1,2-Dichloroethene	25.0	26.0		ug/Kg		104	76 - 113
trans-1,2-Dichloroethene	25.0	28.7		ug/Kg		115	78 - 117
Isopropylbenzene	25.0	26.0		ug/Kg		104	76 - 122
Methyl acetate	125	93.1		ug/Kg		74	57 - 130
Methyl tert-butyl ether	25.0	23.7		ug/Kg		95	49 - 165
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	30.1		ug/Kg		120	82 - 138
1,2,4-Trichlorobenzene	25.0	21.8		ug/Kg		87	64 - 124
1,2-Dichlorobenzene	25.0	22.8		ug/Kg		91	76 - 110
1,3-Dichlorobenzene	25.0	23.9		ug/Kg		96	78 - 111
1,4-Dichlorobenzene	25.0	22.4		ug/Kg		90	75 - 110
Trichlorofluoromethane	25.0	29.9		ug/Kg		120	57 - 146
Chlorodibromomethane	25.0	23.4		ug/Kg		94	72 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-122326/5
Matrix: Solid
Analysis Batch: 122326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	25.0	26.8		ug/Kg		107	70 - 126
m-Xylene & p-Xylene	25.0	26.6		ug/Kg		106	80 - 117
o-Xylene	25.0	25.9		ug/Kg		104	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 123*
4-Bromofluorobenzene (Surr)	*100*		*52 - 136*
Toluene-d8 (Surr)	*105*		*67 - 125*
Dibromofluoromethane (Surr)	*109*		*37 - 132*

Lab Sample ID: LCS 240-122489/5
Matrix: Solid
Analysis Batch: 122489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	37.3		ug/Kg		75	41 - 137
Benzene	25.0	23.2		ug/Kg		93	79 - 112
Dichlorobromomethane	25.0	22.6		ug/Kg		91	84 - 122
Bromoform	25.0	21.7		ug/Kg		87	62 - 133
Bromomethane	25.0	23.6		ug/Kg		94	42 - 136
2-Butanone (MEK)	50.0	38.2		ug/Kg		76	52 - 131
Carbon disulfide	25.0	22.0		ug/Kg		88	62 - 146
Carbon tetrachloride	25.0	27.6		ug/Kg		110	71 - 129
Chlorobenzene	25.0	22.9		ug/Kg		92	78 - 110
Chloroethane	25.0	21.9		ug/Kg		88	58 - 117
Chloroform	25.0	23.1		ug/Kg		92	77 - 114
Chloromethane	25.0	19.6		ug/Kg		78	50 - 110
1,1-Dichloroethane	25.0	22.6		ug/Kg		91	76 - 115
1,2-Dichloroethane	25.0	21.8		ug/Kg		87	72 - 120
1,1-Dichloroethene	25.0	24.8		ug/Kg		99	75 - 135
1,2-Dichloropropane	25.0	22.9		ug/Kg		92	87 - 113
cis-1,3-Dichloropropene	25.0	23.4		ug/Kg		93	74 - 128
trans-1,3-Dichloropropene	25.0	23.7		ug/Kg		95	73 - 131
Ethylbenzene	25.0	24.1		ug/Kg		96	79 - 117
2-Hexanone	50.0	39.4		ug/Kg		79	64 - 136
Methylene Chloride	25.0	25.5		ug/Kg		102	75 - 118
4-Methyl-2-pentanone (MIBK)	50.0	40.5		ug/Kg		81	67 - 135
Styrene	25.0	23.1		ug/Kg		92	87 - 117
1,1,2,2-Tetrachloroethane	25.0	19.8		ug/Kg		79	77 - 123
Tetrachloroethene	25.0	25.3		ug/Kg		101	79 - 114
Toluene	25.0	24.0		ug/Kg		96	75 - 111
Trichloroethene	25.0	25.5		ug/Kg		102	79 - 113
Vinyl chloride	25.0	22.3		ug/Kg		89	57 - 114
Xylenes, Total	50.0	50.0		ug/Kg		100	80 - 118
1,1,1-Trichloroethane	25.0	25.5		ug/Kg		102	77 - 126
1,1,2-Trichloroethane	25.0	22.6		ug/Kg		90	83 - 112
Cyclohexane	25.0	24.5		ug/Kg		98	66 - 110
1,2-Dibromo-3-Chloropropane	25.0	19.0		ug/Kg		76	61 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-122489/5
Matrix: Solid
Analysis Batch: 122489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	25.0	23.5		ug/Kg		94	83 - 117
Dichlorodifluoromethane	25.0	19.1		ug/Kg		76	26 - 113
cis-1,2-Dichloroethene	25.0	24.2		ug/Kg		97	76 - 113
trans-1,2-Dichloroethene	25.0	26.4		ug/Kg		106	78 - 117
Isopropylbenzene	25.0	24.5		ug/Kg		98	76 - 122
Methyl acetate	125	99.7		ug/Kg		80	57 - 130
Methyl tert-butyl ether	25.0	23.0		ug/Kg		92	49 - 165
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.8		ug/Kg		107	82 - 138
1,2,4-Trichlorobenzene	25.0	20.9		ug/Kg		84	64 - 124
1,2-Dichlorobenzene	25.0	22.0		ug/Kg		88	76 - 110
1,3-Dichlorobenzene	25.0	22.8		ug/Kg		91	78 - 111
1,4-Dichlorobenzene	25.0	21.3		ug/Kg		85	75 - 110
Trichlorofluoromethane	25.0	25.6		ug/Kg		102	57 - 146
Chlorodibromomethane	25.0	22.8		ug/Kg		91	72 - 127
Methylcyclohexane	25.0	24.4		ug/Kg		98	70 - 126
m-Xylene & p-Xylene	25.0	24.9		ug/Kg		100	80 - 117
o-Xylene	25.0	25.1		ug/Kg		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 123*
4-Bromofluorobenzene (Surr)	*97*		*52 - 136*
Toluene-d8 (Surr)	*102*		*67 - 125*
Dibromofluoromethane (Surr)	*106*		*37 - 132*

GC/MS VOA

Prep Batch: 122265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34885-2	S-12616-031014-DN-08	Total/NA	Solid	5035	
240-34885-3	S-12616-031014-DN-09	Total/NA	Solid	5035	
240-34885-4	S-12616-031114-DN-10	Total/NA	Solid	5035	
240-34885-5	S-12616-031114-DN-11	Total/NA	Solid	5035	
240-34885-6	S-12616-031114-DN-12	Total/NA	Solid	5035	
240-34885-7	S-12616-031114-DN-13	Total/NA	Solid	5035	
240-34885-8	S-12616-031114-DN-14	Total/NA	Solid	5035	
MB 240-122265/1-A	Method Blank	Total/NA	Solid	5035	
MB 240-122265/2-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 122278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34885-1	S-12616-031014-DN-07	Total/NA	Solid	5035	
240-34885-2	S-12616-031014-DN-08	Total/NA	Solid	5035	
240-34885-5	S-12616-031114-DN-11	Total/NA	Solid	5035	
LCS 240-122278/2-A	Lab Control Sample	Total/NA	Solid	5035	
MB 240-122278/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 122326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34885-1	S-12616-031014-DN-07	Total/NA	Solid	8260B	122278
240-34885-3	S-12616-031014-DN-09	Total/NA	Solid	8260B	122265
240-34885-4	S-12616-031114-DN-10	Total/NA	Solid	8260B	122265
240-34885-5	S-12616-031114-DN-11	Total/NA	Solid	8260B	122265
240-34885-6	S-12616-031114-DN-12	Total/NA	Solid	8260B	122265
240-34885-7	S-12616-031114-DN-13	Total/NA	Solid	8260B	122265
240-34885-8	S-12616-031114-DN-14	Total/NA	Solid	8260B	122265
LCS 240-122278/2-A	Lab Control Sample	Total/NA	Solid	8260B	122278
LCS 240-122326/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-122265/1-A	Method Blank	Total/NA	Solid	8260B	122265
MB 240-122278/1-A	Method Blank	Total/NA	Solid	8260B	122278

Analysis Batch: 122489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34885-2	S-12616-031014-DN-08	Total/NA	Solid	8260B	122265
240-34885-2	S-12616-031014-DN-08	Total/NA	Solid	8260B	122278
240-34885-5	S-12616-031114-DN-11	Total/NA	Solid	8260B	122278
LCS 240-122489/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 240-122265/2-A	Method Blank	Total/NA	Solid	8260B	122265

General Chemistry

Analysis Batch: 122457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34885-1	S-12616-031014-DN-07	Total/NA	Solid	Moisture	
240-34885-2	S-12616-031014-DN-08	Total/NA	Solid	Moisture	
240-34885-3	S-12616-031014-DN-09	Total/NA	Solid	Moisture	
240-34885-4	S-12616-031114-DN-10	Total/NA	Solid	Moisture	
240-34885-5	S-12616-031114-DN-11	Total/NA	Solid	Moisture	
240-34885-6	S-12616-031114-DN-12	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 122457 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-34885-7	S-12616-031114-DN-13	Total/NA	Solid	Moisture	
240-34885-7 DU	S-12616-031114-DN-13	Total/NA	Solid	Moisture	
240-34885-8	S-12616-031114-DN-14	Total/NA	Solid	Moisture	

Client Sample ID: S-12616-031014-DN-07

Lab Sample ID: 240-34885-1

Date Collected: 03/10/14 15:10

Matrix: Solid

Date Received: 03/12/14 08:45

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122278	03/12/14 13:40	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 13:53	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031014-DN-08

Lab Sample ID: 240-34885-2

Date Collected: 03/10/14 17:25

Matrix: Solid

Date Received: 03/12/14 08:45

Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:43	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122489	03/14/14 05:23	SAM	TAL CAN
Total/NA	Prep	5035			122278	03/12/14 13:40	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122489	03/14/14 09:59	SAM	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031014-DN-09

Lab Sample ID: 240-34885-3

Date Collected: 03/10/14 18:05

Matrix: Solid

Date Received: 03/12/14 08:45

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:43	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 06:48	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031114-DN-10

Lab Sample ID: 240-34885-4

Date Collected: 03/11/14 10:30

Matrix: Solid

Date Received: 03/12/14 08:45

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:56	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 07:10	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031114-DN-11

Lab Sample ID: 240-34885-5

Date Collected: 03/11/14 11:35

Matrix: Solid

Date Received: 03/12/14 08:45

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:56	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 07:31	TJL2	TAL CAN
Total/NA	Prep	5035			122278	03/12/14 13:40	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122489	03/14/14 10:21	SAM	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Client Sample ID: S-12616-031114-DN-11

Lab Sample ID: 240-34885-5

Date Collected: 03/11/14 11:35
Matrix: Solid
Date Received: 03/12/14 08:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031114-DN-12

Lab Sample ID: 240-34885-6

Date Collected: 03/11/14 13:45
Matrix: Solid
Date Received: 03/12/14 08:45
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:56	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 07:52	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031114-DN-13

Lab Sample ID: 240-34885-7

Date Collected: 03/11/14 14:15
Matrix: Solid
Date Received: 03/12/14 08:45
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:56	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 08:14	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Client Sample ID: S-12616-031114-DN-14

Lab Sample ID: 240-34885-8

Date Collected: 03/11/14 14:35
Matrix: Solid
Date Received: 03/12/14 08:45
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			122265	03/12/14 12:56	LAM	TAL CAN
Total/NA	Analysis	8260B		1	122326	03/13/14 08:35	TJL2	TAL CAN
Total/NA	Analysis	Moisture		1	122457	03/13/14 13:25	BLW	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-007, OVAP Racer Elyria

TestAmerica Job ID: 240-34885-1

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Ohio VAP	State Program	5	CL0024	10-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B		Solid	Cyclohexane
8260B		Solid	Methyl acetate
8260B		Solid	Methylcyclohexane
8260B	5035	Solid	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B	5035	Solid	Cyclohexane
8260B	5035	Solid	Methyl acetate
8260B	5035	Solid	Methylcyclohexane
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS

240-34885 Chain of Custody

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH 32

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 050013
Address: 1805 E. Perkins Ave.	Telephone:	Telephone:	Telephone:	1 of 1 COCs
City/State/Zip: Sandusky, OH 44870	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below _____ ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: Elyria	Method of Shipment/Carrier:			
Project Number: 12616-TD2-001Y14	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Sample Specific Notes / Special Instructions:
S-12616-031014-DN-07	3-10-14	1510				X											X	
08	↓	1725				X											X	
09	↓	1805				X											X	
S-12616-031114-DN-10	3-11-14	1030				X											X	
11	↓	1135				X											X	
12	↓	1345				X											X	
13	↓	1415				X											X	
14	↓	1435				X											X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
* Short Hold Time - ENCORES *

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
DWN	CRA	3/12/14 0945		TA	3-12-14 845
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018- 1 (04/10)

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 34985**
Canton Facility

Client CRA Site Name _____ Cooler unpacked by:

Cooler Received on 3.12.14 Opened on 3.12.14

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop-Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C)	Observed Cooler Temp. 3.2 °C	Corrected Cooler Temp. 3.2 °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC391982**
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-35332-1
Client Project/Site: 12616-T02-006, OVAP Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
4/2/2014 3:56:49 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-35332-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-006, OVAP Racer Elyria

Report Number: 240-35332-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may contain sample results between the MDL and RL. Results below the RL are not certified under the Ohio Voluntary Action Program.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable. The following requested analytes, parameter groups or methods analyzed and contained in this report are not certified by the laboratory: Cyclohexane, Methyl Acetate, Methylcyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane by SW846 8260B (Samples 1 - 37).

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 3/22/2014 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples WG-12616-031714-DN-01 (240-35332-1), WG-12616-031714-DN-02 (240-35332-2), WG-12616-031714-DN-03 (240-35332-3), WG-12616-031714-DN-04 (240-35332-4), WG-12616-031714-DN-05 (240-35332-5), WG-12616-031714-DN-06 (240-35332-6), WG-12616-031814-DN-07 (240-35332-7), WG-12616-031814-DN-08 (240-35332-8), WG-12616-031814-DN-09 (240-35332-9), WG-12616-031814-DN-10 (240-35332-10), WG-12616-031814-DN-11 (240-35332-11), WG-12616-031814-DN-12 (240-35332-12), WG-12616-031814-DN-13 (240-35332-13), WG-12616-031914-DN-14 (240-35332-14), WG-12616-031914-DN-15 (240-35332-15), WG-12616-031914-DN-16 (240-35332-16), WG-12616-031914-DN-17 (240-35332-17), WG-12616-031914-DN-18 (240-35332-18),

Job ID: 240-35332-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

WG-12616-031914-DN-19 (240-35332-19), WG-12616-031914-DN-20 (240-35332-20), WG-12616-032014-DN-21 (240-35332-21), WG-12616-032014-DN-22 (240-35332-22), WG-12616-032014-DN-23 (240-35332-23), WG-12616-032014-DN-24 (240-35332-24), WG-12616-032014-DN-25 (240-35332-25), WG-12616-032014-DN-26 (240-35332-26), WG-12616-032014-DN-27 (240-35332-27), WG-12616-032014-DN-28 (240-35332-28), WG-12616-032114-DN-29 (240-35332-29), WG-12616-032114-DN-30 (240-35332-30), WG-12616-032114-DN-31 (240-35332-31), WG-12616-032114-DN-32 (240-35332-32), WG-12616-032114-DN-33 (240-35332-33), WG-12616-032114-DN-34 (240-35332-34), WG-12616-032114-DN-35 (240-35332-35), WG-12616-032114-DN-36 (240-35332-36) and TRIP BLANK (240-35332-37) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/27/2014, 03/30/2014 and 03/31/2014.

Acetone was detected in method blank MB 240-124548/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-35332-1	WG-12616-031714-DN-01	Water	03/17/14 09:35	03/22/14 09:35
240-35332-2	WG-12616-031714-DN-02	Water	03/17/14 10:40	03/22/14 09:35
240-35332-3	WG-12616-031714-DN-03	Water	03/17/14 12:10	03/22/14 09:35
240-35332-4	WG-12616-031714-DN-04	Water	03/17/14 13:40	03/22/14 09:35
240-35332-5	WG-12616-031714-DN-05	Water	03/17/14 14:30	03/22/14 09:35
240-35332-6	WG-12616-031714-DN-06	Water	03/17/14 15:55	03/22/14 09:35
240-35332-7	WG-12616-031814-DN-07	Water	03/18/14 10:25	03/22/14 09:35
240-35332-8	WG-12616-031814-DN-08	Water	03/18/14 11:20	03/22/14 09:35
240-35332-9	WG-12616-031814-DN-09	Water	03/18/14 12:15	03/22/14 09:35
240-35332-10	WG-12616-031814-DN-10	Water	03/18/14 14:25	03/22/14 09:35
240-35332-11	WG-12616-031814-DN-11	Water	03/18/14 15:10	03/22/14 09:35
240-35332-12	WG-12616-031814-DN-12	Water	03/18/14 15:55	03/22/14 09:35
240-35332-13	WG-12616-031814-DN-13	Water	03/18/14 17:20	03/22/14 09:35
240-35332-14	WG-12616-031914-DN-14	Water	03/19/14 08:20	03/22/14 09:35
240-35332-15	WG-12616-031914-DN-15	Water	03/19/14 09:45	03/22/14 09:35
240-35332-16	WG-12616-031914-DN-16	Water	03/19/14 11:00	03/22/14 09:35
240-35332-17	WG-12616-031914-DN-17	Water	03/19/14 12:15	03/22/14 09:35
240-35332-18	WG-12616-031914-DN-18	Water	03/19/14 14:30	03/22/14 09:35
240-35332-19	WG-12616-031914-DN-19	Water	03/19/14 16:05	03/22/14 09:35
240-35332-20	WG-12616-031914-DN-20	Water	03/19/14 17:35	03/22/14 09:35
240-35332-21	WG-12616-032014-DN-21	Water	03/20/14 08:20	03/22/14 09:35
240-35332-22	WG-12616-032014-DN-22	Water	03/20/14 09:45	03/22/14 09:35
240-35332-23	WG-12616-032014-DN-23	Water	03/20/14 11:15	03/22/14 09:35
240-35332-24	WG-12616-032014-DN-24	Water	03/20/14 12:40	03/22/14 09:35
240-35332-25	WG-12616-032014-DN-25	Water	03/20/14 14:25	03/22/14 09:35
240-35332-26	WG-12616-032014-DN-26	Water	03/20/14 15:55	03/22/14 09:35
240-35332-27	WG-12616-032014-DN-27	Water	03/20/14 17:25	03/22/14 09:35
240-35332-28	WG-12616-032014-DN-28	Water	03/20/14 18:40	03/22/14 09:35
240-35332-29	WG-12616-032114-DN-29	Water	03/21/14 08:30	03/22/14 09:35
240-35332-30	WG-12616-032114-DN-30	Water	03/21/14 09:55	03/22/14 09:35
240-35332-31	WG-12616-032114-DN-31	Water	03/21/14 10:25	03/22/14 09:35
240-35332-32	WG-12616-032114-DN-32	Water	03/21/14 11:15	03/22/14 09:35
240-35332-33	WG-12616-032114-DN-33	Water	03/21/14 12:40	03/22/14 09:35
240-35332-34	WG-12616-032114-DN-34	Water	03/21/14 13:50	03/22/14 09:35
240-35332-35	WG-12616-032114-DN-35	Water	03/21/14 15:20	03/22/14 09:35
240-35332-36	WG-12616-032114-DN-36	Water	03/21/14 16:50	03/22/14 09:35
240-35332-37	TRIP BLANK	Water	03/21/14 00:00	03/22/14 09:35

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-01 — Lab Sample ID: 240-35332-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.61	J	1.0	0.13	ug/L	1		8260B	Total/NA
Toluene	0.39	J	1.0	0.13	ug/L	1		8260B	Total/NA
Cyclohexane	0.17	J	1.0	0.12	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031714-DN-02 — Lab Sample ID: 240-35332-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12		10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031714-DN-03 — Lab Sample ID: 240-35332-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.22	J	1.0	0.13	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.1		1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	2.4		1.0	0.17	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	4.9		1.0	0.22	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.27	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031714-DN-04 — Lab Sample ID: 240-35332-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	9.6		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	5.0		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031714-DN-05 — Lab Sample ID: 240-35332-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.7	J	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.22	J	1.0	0.13	ug/L	1		8260B	Total/NA
Vinyl chloride	6.8		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.69	J	1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031714-DN-06 — Lab Sample ID: 240-35332-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.49	J	1.0	0.13	ug/L	1		8260B	Total/NA
Toluene	0.19	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031814-DN-07 — Lab Sample ID: 240-35332-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.1	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.19	J	1.0	0.13	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	0.69	J	10	0.57	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-031814-DN-07 (Continued) — Lab Sample ID: 240-35332-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.14	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031814-DN-08 — Lab Sample ID: 240-35332-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	42		10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.20	J	1.0	0.13	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	5.7	J	10	0.57	ug/L	1		8260B	Total/NA
Toluene	0.26	J	1.0	0.13	ug/L	1		8260B	Total/NA
Trichloroethene	6.6		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	4.6		1.0	0.22	ug/L	1		8260B	Total/NA
Cyclohexane	0.39	J	1.0	0.12	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	10		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	2.4		1.0	0.19	ug/L	1		8260B	Total/NA
Methylcyclohexane	0.25	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031814-DN-09 — Lab Sample ID: 240-35332-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	37		10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.68	J	1.0	0.13	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.7	J	10	0.57	ug/L	1		8260B	Total/NA
Carbon disulfide	1.4		1.0	0.13	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.45	J	1.0	0.19	ug/L	1		8260B	Total/NA
Ethylbenzene	0.48	J	1.0	0.17	ug/L	1		8260B	Total/NA
Styrene	0.36	J	1.0	0.11	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.59	J	1.0	0.29	ug/L	1		8260B	Total/NA
Toluene	1.3		1.0	0.13	ug/L	1		8260B	Total/NA
Trichloroethene	1.1		1.0	0.17	ug/L	1		8260B	Total/NA
Xylenes, Total	3.4		2.0	0.14	ug/L	1		8260B	Total/NA
Cyclohexane	1.5		1.0	0.12	ug/L	1		8260B	Total/NA
Methylcyclohexane	1.1		1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-031814-DN-10 — Lab Sample ID: 240-35332-10

No Detections.

Client Sample ID: WG-12616-031814-DN-11 — Lab Sample ID: 240-35332-11

No Detections.

Client Sample ID: WG-12616-031814-DN-12 — Lab Sample ID: 240-35332-12

No Detections.

Client Sample ID: WG-12616-031814-DN-13 — Lab Sample ID: 240-35332-13

No Detections.

Client Sample ID: WG-12616-031914-DN-14 — Lab Sample ID: 240-35332-14

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-031914-DN-15 — **Lab Sample ID: 240-35332-15**

No Detections.

Client Sample ID: WG-12616-031914-DN-16 — **Lab Sample ID: 240-35332-16**

No Detections.

Client Sample ID: WG-12616-031914-DN-17 — **Lab Sample ID: 240-35332-17**

No Detections.

Client Sample ID: WG-12616-031914-DN-18 — **Lab Sample ID: 240-35332-18**

No Detections.

Client Sample ID: WG-12616-031914-DN-19 — **Lab Sample ID: 240-35332-19**

No Detections.

Client Sample ID: WG-12616-031914-DN-20 — **Lab Sample ID: 240-35332-20**

No Detections.

Client Sample ID: WG-12616-032014-DN-21 — **Lab Sample ID: 240-35332-21**

No Detections.

Client Sample ID: WG-12616-032014-DN-22 — **Lab Sample ID: 240-35332-22**

No Detections.

Client Sample ID: WG-12616-032014-DN-23 — **Lab Sample ID: 240-35332-23**

No Detections.

Client Sample ID: WG-12616-032014-DN-24 — **Lab Sample ID: 240-35332-24**

No Detections.

Client Sample ID: WG-12616-032014-DN-25 — **Lab Sample ID: 240-35332-25**

No Detections.

Client Sample ID: WG-12616-032014-DN-26 — **Lab Sample ID: 240-35332-26**

No Detections.

Client Sample ID: WG-12616-032014-DN-27 — **Lab Sample ID: 240-35332-27**

No Detections.

Client Sample ID: WG-12616-032014-DN-28 — **Lab Sample ID: 240-35332-28**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J B	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-29 — Lab Sample ID: 240-35332-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J B	10	1.1	ug/L	1		8260B	Total/NA
Trichloroethene	0.21	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-30 — Lab Sample ID: 240-35332-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-31 — Lab Sample ID: 240-35332-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-32 — Lab Sample ID: 240-35332-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-33 — Lab Sample ID: 240-35332-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.7	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-34 — Lab Sample ID: 240-35332-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-35 — Lab Sample ID: 240-35332-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032114-DN-36 — Lab Sample ID: 240-35332-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J B	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 240-35332-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J B	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-01
Date Collected: 03/17/14 09:35
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.6**	**J**	10	1.1	ug/L			03/27/14 20:04	1
Benzene	**0.61**	**J**	1.0	0.13	ug/L			03/27/14 20:04	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 20:04	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 20:04	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 20:04	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 20:04	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/27/14 20:04	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 20:04	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 20:04	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 20:04	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 20:04	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 20:04	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 20:04	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 20:04	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 20:04	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 20:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 20:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 20:04	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 20:04	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 20:04	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 20:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 20:04	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 20:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 20:04	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 20:04	1
Toluene	**0.39**	**J**	1.0	0.13	ug/L			03/27/14 20:04	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 20:04	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 20:04	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 20:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 20:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 20:04	1
Cyclohexane	**0.17**	**J**	1.0	0.12	ug/L			03/27/14 20:04	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 20:04	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 20:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 20:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 20:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 20:04	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:04	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 20:04	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 20:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 20:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 20:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 20:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:04	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 20:04	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 20:04	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 20:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-01
Date Collected: 03/17/14 09:35
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		03/27/14 20:04	1
4-Bromofluorobenzene (Surr)	82		66 - 120		03/27/14 20:04	1
Toluene-d8 (Surr)	80		74 - 120		03/27/14 20:04	1
Dibromofluoromethane (Surr)	95		75 - 121		03/27/14 20:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-02
Date Collected: 03/17/14 10:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12		10	1.1	ug/L			03/27/14 20:27	1
Benzene	0.14	J	1.0	0.13	ug/L			03/27/14 20:27	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 20:27	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 20:27	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 20:27	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 20:27	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 20:27	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 20:27	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 20:27	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 20:27	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 20:27	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 20:27	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 20:27	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 20:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 20:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 20:27	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 20:27	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 20:27	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 20:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 20:27	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 20:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 20:27	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 20:27	1
Toluene	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 20:27	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 20:27	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 20:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 20:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 20:27	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 20:27	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 20:27	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 20:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 20:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 20:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 20:27	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 20:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 20:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 20:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 20:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 20:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 20:27	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 20:27	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 20:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-02
Date Collected: 03/17/14 10:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		03/27/14 20:27	1
4-Bromofluorobenzene (Surr)	85		66 - 120		03/27/14 20:27	1
Toluene-d8 (Surr)	83		74 - 120		03/27/14 20:27	1
Dibromofluoromethane (Surr)	99		75 - 121		03/27/14 20:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-03
Date Collected: 03/17/14 12:10
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/27/14 20:49	1
Benzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 20:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 20:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 20:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 20:49	1
Carbon disulfide	**0.22**	**J**	1.0	0.13	ug/L			03/27/14 20:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 20:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 20:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 20:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 20:49	1
1,1-Dichloroethane	**1.1**		1.0	0.15	ug/L			03/27/14 20:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 20:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 20:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 20:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 20:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 20:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 20:49	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 20:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 20:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 20:49	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 20:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 20:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 20:49	1
Toluene	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1
Trichloroethene	**2.4**		1.0	0.17	ug/L			03/27/14 20:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 20:49	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 20:49	1
1,1,1-Trichloroethane	**4.9**		1.0	0.22	ug/L			03/27/14 20:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 20:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 20:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 20:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 20:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 20:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 20:49	1
trans-1,2-Dichloroethene	**0.27**	**J**	1.0	0.19	ug/L			03/27/14 20:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 20:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 20:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 20:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 20:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 20:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 20:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 20:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 20:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-03
Date Collected: 03/17/14 12:10
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		63 - 129		03/27/14 20:49	1
4-Bromofluorobenzene (Surr)	77		66 - 120		03/27/14 20:49	1
Toluene-d8 (Surr)	77		74 - 120		03/27/14 20:49	1
Dibromofluoromethane (Surr)	94		75 - 121		03/27/14 20:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-04
Date Collected: 03/17/14 13:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.3**	**J**	10	1.1	ug/L			03/27/14 21:12	1
Benzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 21:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 21:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 21:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 21:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 21:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 21:12	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 21:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 21:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 21:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 21:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 21:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 21:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 21:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 21:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 21:12	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 21:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 21:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 21:12	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 21:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 21:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 21:12	1
Toluene	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 21:12	1
Vinyl chloride	**9.6**		1.0	0.22	ug/L			03/27/14 21:12	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 21:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 21:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 21:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 21:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 21:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 21:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 21:12	1
cis-1,2-Dichloroethene	**5.0**		1.0	0.17	ug/L			03/27/14 21:12	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.19	ug/L			03/27/14 21:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 21:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 21:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 21:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 21:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 21:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 21:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 21:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 21:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-04
Date Collected: 03/17/14 13:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		03/27/14 21:12	1
4-Bromofluorobenzene (Surr)	92		66 - 120		03/27/14 21:12	1
Toluene-d8 (Surr)	88		74 - 120		03/27/14 21:12	1
Dibromofluoromethane (Surr)	106		75 - 121		03/27/14 21:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-05
Date Collected: 03/17/14 14:30
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**6.7**	**J**	10	1.1	ug/L			03/27/14 21:34	1
Benzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 21:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 21:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 21:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 21:34	1
Carbon disulfide	**0.22**	**J**	1.0	0.13	ug/L			03/27/14 21:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 21:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 21:34	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 21:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 21:34	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 21:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 21:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 21:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 21:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 21:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 21:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 21:34	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 21:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 21:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 21:34	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 21:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 21:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 21:34	1
Toluene	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 21:34	1
Vinyl chloride	**6.8**		1.0	0.22	ug/L			03/27/14 21:34	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 21:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 21:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 21:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 21:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 21:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 21:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 21:34	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.17	ug/L			03/27/14 21:34	1
trans-1,2-Dichloroethene	**0.69**	**J**	1.0	0.19	ug/L			03/27/14 21:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 21:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 21:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 21:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 21:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 21:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 21:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 21:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 21:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-05
Date Collected: 03/17/14 14:30
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		63 - 129		03/27/14 21:34	1
4-Bromofluorobenzene (Surr)	82		66 - 120		03/27/14 21:34	1
Toluene-d8 (Surr)	77		74 - 120		03/27/14 21:34	1
Dibromofluoromethane (Surr)	92		75 - 121		03/27/14 21:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-06
Date Collected: 03/17/14 15:55
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.4**	**J**	10	1.1	ug/L			03/27/14 21:57	1
Benzene	**0.49**	**J**	1.0	0.13	ug/L			03/27/14 21:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 21:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 21:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 21:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 21:57	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/27/14 21:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 21:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 21:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 21:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 21:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 21:57	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 21:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 21:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 21:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 21:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 21:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 21:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 21:57	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 21:57	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 21:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 21:57	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 21:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 21:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 21:57	1
Toluene	**0.19**	**J**	1.0	0.13	ug/L			03/27/14 21:57	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 21:57	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 21:57	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 21:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 21:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 21:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 21:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 21:57	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 21:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 21:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 21:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 21:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:57	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 21:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 21:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 21:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 21:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 21:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 21:57	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 21:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 21:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-06
Lab Sample ID: 240-35332-6
Date Collected: 03/17/14 15:55
Matrix: Water
Date Received: 03/22/14 09:35

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		03/27/14 21:57	1
4-Bromofluorobenzene (Surr)	93		66 - 120		03/27/14 21:57	1
Toluene-d8 (Surr)	81		74 - 120		03/27/14 21:57	1
Dibromofluoromethane (Surr)	108		75 - 121		03/27/14 21:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-07
Date Collected: 03/18/14 10:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.1**	**J**	10	1.1	ug/L			03/27/14 22:20	1
Benzene	**0.19**	**J**	1.0	0.13	ug/L			03/27/14 22:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 22:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 22:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 22:20	1
2-Butanone (MEK)	**0.69**	**J**	10	0.57	ug/L			03/27/14 22:20	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/27/14 22:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 22:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 22:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 22:20	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 22:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 22:20	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 22:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 22:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 22:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 22:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 22:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 22:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 22:20	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 22:20	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 22:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 22:20	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 22:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 22:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 22:20	1
Toluene	**0.14**	**J**	1.0	0.13	ug/L			03/27/14 22:20	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 22:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 22:20	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 22:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 22:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 22:20	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 22:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 22:20	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 22:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 22:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 22:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 22:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 22:20	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 22:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 22:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 22:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 22:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 22:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 22:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 22:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 22:20	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 22:20	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-07
Date Collected: 03/18/14 10:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		03/27/14 22:20	1
4-Bromofluorobenzene (Surr)	88		66 - 120		03/27/14 22:20	1
Toluene-d8 (Surr)	80		74 - 120		03/27/14 22:20	1
Dibromofluoromethane (Surr)	107		75 - 121		03/27/14 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-08
Date Collected: 03/18/14 11:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**42**		10	1.1	ug/L			03/30/14 18:59	1
Benzene	**0.20**	**J**	1.0	0.13	ug/L			03/30/14 18:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 18:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 18:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 18:59	1
2-Butanone (MEK)	**5.7**	**J**	10	0.57	ug/L			03/30/14 18:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 18:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 18:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 18:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 18:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 18:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 18:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 18:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 18:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 18:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 18:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 18:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 18:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 18:59	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 18:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 18:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 18:59	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 18:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 18:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 18:59	1
Toluene	**0.26**	**J**	1.0	0.13	ug/L			03/30/14 18:59	1
Trichloroethene	**6.6**		1.0	0.17	ug/L			03/30/14 18:59	1
Vinyl chloride	**4.6**		1.0	0.22	ug/L			03/30/14 18:59	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 18:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 18:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 18:59	1
Cyclohexane	**0.39**	**J**	1.0	0.12	ug/L			03/30/14 18:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 18:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 18:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 18:59	1
cis-1,2-Dichloroethene	**10**		1.0	0.17	ug/L			03/30/14 18:59	1
trans-1,2-Dichloroethene	**2.4**		1.0	0.19	ug/L			03/30/14 18:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:59	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 18:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 18:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 18:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 18:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 18:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 18:59	1
Methylcyclohexane	**0.25**	**J**	1.0	0.13	ug/L			03/30/14 18:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-08
Date Collected: 03/18/14 11:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		03/30/14 18:59	1
4-Bromofluorobenzene (Surr)	88		66 - 120		03/30/14 18:59	1
Toluene-d8 (Surr)	87		74 - 120		03/30/14 18:59	1
Dibromofluoromethane (Surr)	99		75 - 121		03/30/14 18:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-09
Date Collected: 03/18/14 12:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**37**		10	1.1	ug/L			03/27/14 22:42	1
Benzene	**0.68**	**J**	1.0	0.13	ug/L			03/27/14 22:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 22:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 22:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 22:42	1
2-Butanone (MEK)	**4.7**	**J**	10	0.57	ug/L			03/27/14 22:42	1
Carbon disulfide	**1.4**		1.0	0.13	ug/L			03/27/14 22:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 22:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 22:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 22:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 22:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 22:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 22:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 22:42	1
1,1-Dichloroethene	**0.45**	**J**	1.0	0.19	ug/L			03/27/14 22:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 22:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 22:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 22:42	1
Ethylbenzene	**0.48**	**J**	1.0	0.17	ug/L			03/27/14 22:42	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 22:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 22:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 22:42	1
Styrene	**0.36**	**J**	1.0	0.11	ug/L			03/27/14 22:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 22:42	1
Tetrachloroethene	**0.59**	**J**	1.0	0.29	ug/L			03/27/14 22:42	1
Toluene	**1.3**		1.0	0.13	ug/L			03/27/14 22:42	1
Trichloroethene	**1.1**		1.0	0.17	ug/L			03/27/14 22:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 22:42	1
Xylenes, Total	**3.4**		2.0	0.14	ug/L			03/27/14 22:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 22:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 22:42	1
Cyclohexane	**1.5**		1.0	0.12	ug/L			03/27/14 22:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 22:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 22:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 22:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 22:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 22:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 22:42	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 22:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 22:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 22:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 22:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 22:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 22:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 22:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 22:42	1
Methylcyclohexane	**1.1**		1.0	0.13	ug/L			03/27/14 22:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-09
Date Collected: 03/18/14 12:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		03/27/14 22:42	1
4-Bromofluorobenzene (Surr)	87		66 - 120		03/27/14 22:42	1
Toluene-d8 (Surr)	79		74 - 120		03/27/14 22:42	1
Dibromofluoromethane (Surr)	96		75 - 121		03/27/14 22:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-10
Date Collected: 03/18/14 14:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 19:22	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 19:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 19:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 19:22	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 19:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 19:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 19:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 19:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 19:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 19:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 19:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 19:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 19:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 19:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 19:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 19:22	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 19:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 19:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 19:22	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 19:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 19:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 19:22	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 19:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 19:22	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 19:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 19:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 19:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 19:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 19:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 19:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 19:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 19:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 19:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 19:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 19:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 19:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 19:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 19:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 19:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 19:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 19:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-10
Date Collected: 03/18/14 14:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		03/30/14 19:22	1
4-Bromofluorobenzene (Surr)	85		66 - 120		03/30/14 19:22	1
Toluene-d8 (Surr)	82		74 - 120		03/30/14 19:22	1
Dibromofluoromethane (Surr)	99		75 - 121		03/30/14 19:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-11
Date Collected: 03/18/14 15:10
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 19:44	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 19:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 19:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 19:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 19:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 19:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 19:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 19:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 19:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 19:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 19:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 19:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 19:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 19:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 19:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 19:44	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 19:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 19:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 19:44	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 19:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 19:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 19:44	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 19:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 19:44	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 19:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 19:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 19:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 19:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 19:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 19:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 19:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 19:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 19:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 19:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 19:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 19:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 19:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 19:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 19:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 19:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 19:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-11
Date Collected: 03/18/14 15:10
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		03/30/14 19:44	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/30/14 19:44	1
Toluene-d8 (Surr)	79		74 - 120		03/30/14 19:44	1
Dibromofluoromethane (Surr)	98		75 - 121		03/30/14 19:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-12
Date Collected: 03/18/14 15:55
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 20:06	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 20:06	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 20:06	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 20:06	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 20:06	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 20:06	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 20:06	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 20:06	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 20:06	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 20:06	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 20:06	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 20:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 20:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 20:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 20:06	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 20:06	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 20:06	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 20:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 20:06	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 20:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 20:06	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 20:06	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 20:06	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 20:06	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 20:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 20:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 20:06	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 20:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 20:06	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 20:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 20:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 20:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 20:06	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 20:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 20:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 20:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 20:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 20:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 20:06	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 20:06	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 20:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-12
Date Collected: 03/18/14 15:55
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		03/30/14 20:06	1
4-Bromofluorobenzene (Surr)	82		66 - 120		03/30/14 20:06	1
Toluene-d8 (Surr)	80		74 - 120		03/30/14 20:06	1
Dibromofluoromethane (Surr)	100		75 - 121		03/30/14 20:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-13
Date Collected: 03/18/14 17:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 20:29	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 20:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 20:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 20:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 20:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 20:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 20:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 20:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 20:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 20:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 20:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 20:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 20:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 20:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 20:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 20:29	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 20:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 20:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 20:29	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 20:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 20:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 20:29	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 20:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 20:29	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 20:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 20:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 20:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 20:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 20:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 20:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 20:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 20:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 20:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 20:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 20:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 20:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 20:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 20:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 20:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-13
Date Collected: 03/18/14 17:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		63 - 129		03/30/14 20:29	1
4-Bromofluorobenzene (Surr)	77		66 - 120		03/30/14 20:29	1
Toluene-d8 (Surr)	76		74 - 120		03/30/14 20:29	1
Dibromofluoromethane (Surr)	91		75 - 121		03/30/14 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-14
Date Collected: 03/19/14 08:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 20:52	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 20:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 20:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 20:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 20:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 20:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 20:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 20:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 20:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 20:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 20:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 20:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 20:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 20:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 20:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 20:52	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 20:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 20:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 20:52	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 20:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 20:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 20:52	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 20:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 20:52	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 20:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 20:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 20:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 20:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 20:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 20:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 20:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 20:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 20:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 20:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 20:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 20:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 20:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 20:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 20:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 20:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 20:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-14
Date Collected: 03/19/14 08:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		03/30/14 20:52	1
4-Bromofluorobenzene (Surr)	81		66 - 120		03/30/14 20:52	1
Toluene-d8 (Surr)	79		74 - 120		03/30/14 20:52	1
Dibromofluoromethane (Surr)	100		75 - 121		03/30/14 20:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-15
Date Collected: 03/19/14 09:45
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 21:14	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 21:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 21:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 21:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 21:14	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 21:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 21:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 21:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 21:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 21:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 21:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 21:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 21:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 21:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 21:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 21:14	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 21:14	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 21:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 21:14	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 21:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 21:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 21:14	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 21:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 21:14	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 21:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 21:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 21:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 21:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 21:14	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 21:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 21:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 21:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 21:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 21:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 21:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 21:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 21:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 21:14	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 21:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 21:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-15
Date Collected: 03/19/14 09:45
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		63 - 129		03/30/14 21:14	1
4-Bromofluorobenzene (Surr)	80		66 - 120		03/30/14 21:14	1
Toluene-d8 (Surr)	77		74 - 120		03/30/14 21:14	1
Dibromofluoromethane (Surr)	95		75 - 121		03/30/14 21:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-16
Lab Sample ID: 240-35332-16
Date Collected: 03/19/14 11:00
Matrix: Water
Date Received: 03/22/14 09:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 21:37	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 21:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 21:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 21:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 21:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 21:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 21:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 21:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 21:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 21:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 21:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 21:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 21:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 21:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 21:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 21:37	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 21:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 21:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 21:37	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 21:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 21:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 21:37	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 21:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 21:37	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 21:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 21:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 21:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 21:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 21:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 21:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 21:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 21:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 21:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 21:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 21:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 21:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 21:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 21:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 21:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 21:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-16
Date Collected: 03/19/14 11:00
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		03/30/14 21:37	1
4-Bromofluorobenzene (Surr)	82		66 - 120		03/30/14 21:37	1
Toluene-d8 (Surr)	81		74 - 120		03/30/14 21:37	1
Dibromofluoromethane (Surr)	101		75 - 121		03/30/14 21:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-17
Date Collected: 03/19/14 12:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 21:59	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 21:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 21:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 21:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 21:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 21:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 21:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 21:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 21:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 21:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 21:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 21:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 21:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 21:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 21:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 21:59	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 21:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 21:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 21:59	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 21:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 21:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 21:59	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 21:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 21:59	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 21:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 21:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 21:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 21:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 21:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 21:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 21:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 21:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 21:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 21:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 21:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 21:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 21:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 21:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 21:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 21:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 21:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-17
Date Collected: 03/19/14 12:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		03/30/14 21:59	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/30/14 21:59	1
Toluene-d8 (Surr)	80		74 - 120		03/30/14 21:59	1
Dibromofluoromethane (Surr)	101		75 - 121		03/30/14 21:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-18
Date Collected: 03/19/14 14:30
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 22:22	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 22:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 22:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 22:22	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 22:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 22:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 22:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 22:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 22:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 22:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 22:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 22:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 22:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 22:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 22:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 22:22	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 22:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 22:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 22:22	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 22:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 22:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 22:22	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 22:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 22:22	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 22:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 22:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 22:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 22:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 22:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 22:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 22:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 22:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 22:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 22:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 22:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 22:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 22:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 22:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 22:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 22:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 22:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-18
Date Collected: 03/19/14 14:30
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		03/30/14 22:22	1
4-Bromofluorobenzene (Surr)	82		66 - 120		03/30/14 22:22	1
Toluene-d8 (Surr)	81		74 - 120		03/30/14 22:22	1
Dibromofluoromethane (Surr)	101		75 - 121		03/30/14 22:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-19
Date Collected: 03/19/14 16:05
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 22:45	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 22:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 22:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 22:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 22:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 22:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 22:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 22:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 22:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 22:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 22:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 22:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 22:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 22:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 22:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 22:45	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 22:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 22:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 22:45	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 22:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 22:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 22:45	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 22:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 22:45	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 22:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 22:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 22:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 22:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 22:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 22:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 22:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 22:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 22:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 22:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 22:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 22:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 22:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 22:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 22:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 22:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 22:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-19
Date Collected: 03/19/14 16:05
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		03/30/14 22:45	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/30/14 22:45	1
Toluene-d8 (Surr)	81		74 - 120		03/30/14 22:45	1
Dibromofluoromethane (Surr)	101		75 - 121		03/30/14 22:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-20
Date Collected: 03/19/14 17:35
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 23:07	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 23:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 23:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 23:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 23:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 23:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 23:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 23:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 23:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 23:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 23:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 23:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 23:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 23:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 23:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 23:07	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 23:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 23:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 23:07	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 23:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 23:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 23:07	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 23:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 23:07	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 23:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 23:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 23:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 23:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 23:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 23:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 23:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 23:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 23:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 23:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 23:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 23:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 23:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 23:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 23:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 23:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 23:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031914-DN-20
Date Collected: 03/19/14 17:35
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		03/30/14 23:07	1
4-Bromofluorobenzene (Surr)	81		66 - 120		03/30/14 23:07	1
Toluene-d8 (Surr)	80		74 - 120		03/30/14 23:07	1
Dibromofluoromethane (Surr)	99		75 - 121		03/30/14 23:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-21
Date Collected: 03/20/14 08:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/31/14 01:46	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 01:46	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 01:46	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 01:46	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 01:46	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 01:46	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 01:46	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 01:46	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 01:46	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 01:46	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 01:46	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 01:46	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 01:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 01:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 01:46	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 01:46	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 01:46	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 01:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 01:46	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 01:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 01:46	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 01:46	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 01:46	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 01:46	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 01:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 01:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 01:46	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 01:46	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 01:46	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 01:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 01:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 01:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 01:46	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 01:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 01:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 01:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 01:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 01:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 01:46	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 01:46	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 01:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-21
Date Collected: 03/20/14 08:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		03/31/14 01:46	1
4-Bromofluorobenzene (Surr)	81		66 - 120		03/31/14 01:46	1
Toluene-d8 (Surr)	80		74 - 120		03/31/14 01:46	1
Dibromofluoromethane (Surr)	97		75 - 121		03/31/14 01:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-22
Date Collected: 03/20/14 09:45
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 23:30	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 23:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 23:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 23:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 23:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 23:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 23:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 23:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 23:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 23:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 23:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 23:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 23:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 23:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 23:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 23:30	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 23:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 23:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 23:30	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 23:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 23:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 23:30	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 23:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 23:30	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 23:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 23:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 23:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 23:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 23:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 23:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 23:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 23:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 23:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 23:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 23:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 23:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 23:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 23:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 23:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 23:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 23:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-22
Date Collected: 03/20/14 09:45
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		03/30/14 23:30	1
4-Bromofluorobenzene (Surr)	80		66 - 120		03/30/14 23:30	1
Toluene-d8 (Surr)	77		74 - 120		03/30/14 23:30	1
Dibromofluoromethane (Surr)	98		75 - 121		03/30/14 23:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-23
Date Collected: 03/20/14 11:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 23:52	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 23:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 23:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 23:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 23:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 23:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 23:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 23:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 23:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 23:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 23:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 23:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 23:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 23:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 23:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 23:52	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 23:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 23:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 23:52	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 23:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 23:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 23:52	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 23:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 23:52	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 23:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 23:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 23:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 23:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 23:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 23:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 23:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 23:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 23:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 23:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 23:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 23:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 23:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 23:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 23:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 23:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 23:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-23
Date Collected: 03/20/14 11:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		03/30/14 23:52	1
4-Bromofluorobenzene (Surr)	88		66 - 120		03/30/14 23:52	1
Toluene-d8 (Surr)	85		74 - 120		03/30/14 23:52	1
Dibromofluoromethane (Surr)	104		75 - 121		03/30/14 23:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-24
Lab Sample ID: 240-35332-24
Date Collected: 03/20/14 12:40
Matrix: Water
Date Received: 03/22/14 09:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/31/14 00:15	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 00:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 00:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 00:15	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 00:15	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 00:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 00:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 00:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 00:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 00:15	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 00:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 00:15	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 00:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 00:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 00:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 00:15	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 00:15	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 00:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 00:15	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 00:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 00:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 00:15	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 00:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 00:15	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 00:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 00:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 00:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 00:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 00:15	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 00:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 00:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 00:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 00:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 00:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 00:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 00:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 00:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 00:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 00:15	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 00:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 00:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-24
Date Collected: 03/20/14 12:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		03/31/14 00:15	1
4-Bromofluorobenzene (Surr)	80		66 - 120		03/31/14 00:15	1
Toluene-d8 (Surr)	80		74 - 120		03/31/14 00:15	1
Dibromofluoromethane (Surr)	100		75 - 121		03/31/14 00:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-25
Date Collected: 03/20/14 14:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/31/14 00:38	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 00:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 00:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 00:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 00:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 00:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 00:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 00:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 00:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 00:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 00:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 00:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 00:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 00:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 00:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 00:38	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 00:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 00:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 00:38	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 00:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 00:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 00:38	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 00:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 00:38	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 00:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 00:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 00:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 00:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 00:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 00:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 00:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 00:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 00:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 00:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 00:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 00:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 00:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 00:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 00:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 00:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-25
Date Collected: 03/20/14 14:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		03/31/14 00:38	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 00:38	1
Toluene-d8 (Surr)	81		74 - 120		03/31/14 00:38	1
Dibromofluoromethane (Surr)	101		75 - 121		03/31/14 00:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-26
Date Collected: 03/20/14 15:55
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/31/14 01:00	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 01:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 01:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 01:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 01:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 01:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 01:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 01:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 01:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 01:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 01:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 01:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 01:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 01:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 01:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 01:00	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 01:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 01:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 01:00	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 01:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 01:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 01:00	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 01:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 01:00	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 01:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 01:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 01:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 01:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 01:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 01:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 01:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 01:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 01:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 01:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 01:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 01:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 01:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 01:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 01:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 01:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 01:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-26
Date Collected: 03/20/14 15:55
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-26
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		03/31/14 01:00	1
4-Bromofluorobenzene (Surr)	79		66 - 120		03/31/14 01:00	1
Toluene-d8 (Surr)	78		74 - 120		03/31/14 01:00	1
Dibromofluoromethane (Surr)	97		75 - 121		03/31/14 01:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-27
Date Collected: 03/20/14 17:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/31/14 01:23	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 01:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 01:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 01:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 01:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 01:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 01:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 01:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 01:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 01:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 01:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 01:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 01:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 01:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 01:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 01:23	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 01:23	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 01:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 01:23	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 01:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 01:23	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 01:23	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 01:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 01:23	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 01:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 01:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 01:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 01:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 01:23	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 01:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 01:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 01:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 01:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 01:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 01:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 01:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 01:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 01:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 01:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 01:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-27
Date Collected: 03/20/14 17:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-27
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		03/31/14 01:23	1
4-Bromofluorobenzene (Surr)	84		66 - 120		03/31/14 01:23	1
Toluene-d8 (Surr)	83		74 - 120		03/31/14 01:23	1
Dibromofluoromethane (Surr)	104		75 - 121		03/31/14 01:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-28
Lab Sample ID: 240-35332-28
Date Collected: 03/20/14 18:40
Matrix: Water
Date Received: 03/22/14 09:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J B	10	1.1	ug/L			03/31/14 18:49	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 18:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 18:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 18:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 18:49	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 18:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 18:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 18:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 18:49	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 18:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 18:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 18:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 18:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 18:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 18:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 18:49	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 18:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 18:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 18:49	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 18:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 18:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 18:49	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 18:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 18:49	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 18:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 18:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 18:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 18:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 18:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 18:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 18:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 18:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 18:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 18:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 18:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 18:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 18:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 18:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 18:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 18:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 18:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-28
Date Collected: 03/20/14 18:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-28
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		03/31/14 18:49	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 18:49	1
Toluene-d8 (Surr)	89		74 - 120		03/31/14 18:49	1
Dibromofluoromethane (Surr)	93		75 - 121		03/31/14 18:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-29
Date Collected: 03/21/14 08:30
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.6**	**J B**	10	1.1	ug/L			03/31/14 13:15	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 13:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 13:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 13:15	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 13:15	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 13:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 13:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 13:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 13:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 13:15	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 13:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 13:15	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 13:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 13:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 13:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 13:15	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 13:15	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 13:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 13:15	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 13:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 13:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 13:15	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
Trichloroethene	**0.21**	**J**	1.0	0.17	ug/L			03/31/14 13:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 13:15	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 13:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 13:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 13:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 13:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 13:15	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 13:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 13:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 13:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 13:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 13:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 13:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 13:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 13:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 13:15	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 13:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 13:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-29
Date Collected: 03/21/14 08:30
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-29
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		03/31/14 13:15	1
4-Bromofluorobenzene (Surr)	85		66 - 120		03/31/14 13:15	1
Toluene-d8 (Surr)	91		74 - 120		03/31/14 13:15	1
Dibromofluoromethane (Surr)	95		75 - 121		03/31/14 13:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-30
Lab Sample ID: 240-35332-30
Date Collected: 03/21/14 09:55
Matrix: Water
Date Received: 03/22/14 09:35

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.3	J B	10	1.1	ug/L			03/31/14 13:37	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 13:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 13:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 13:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 13:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 13:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 13:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 13:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 13:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 13:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 13:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 13:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 13:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 13:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 13:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 13:37	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 13:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 13:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 13:37	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 13:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 13:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 13:37	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 13:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 13:37	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 13:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 13:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 13:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 13:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 13:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 13:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 13:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 13:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 13:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 13:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 13:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 13:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 13:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 13:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 13:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 13:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-30
Date Collected: 03/21/14 09:55
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-30
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		03/31/14 13:37	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 13:37	1
Toluene-d8 (Surr)	89		74 - 120		03/31/14 13:37	1
Dibromofluoromethane (Surr)	94		75 - 121		03/31/14 13:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-31
Date Collected: 03/21/14 10:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J B	10	1.1	ug/L			03/31/14 14:00	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 14:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 14:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 14:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 14:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 14:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 14:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 14:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 14:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 14:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 14:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 14:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 14:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 14:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 14:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 14:00	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 14:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 14:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 14:00	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 14:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 14:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 14:00	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 14:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 14:00	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 14:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 14:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 14:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 14:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 14:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 14:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 14:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 14:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 14:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 14:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 14:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 14:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 14:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 14:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 14:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 14:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-31
Date Collected: 03/21/14 10:25
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-31
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		03/31/14 14:00	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 14:00	1
Toluene-d8 (Surr)	89		74 - 120		03/31/14 14:00	1
Dibromofluoromethane (Surr)	94		75 - 121		03/31/14 14:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-32
Date Collected: 03/21/14 11:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J B	10	1.1	ug/L			03/31/14 14:22	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 14:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 14:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 14:22	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 14:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 14:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 14:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 14:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 14:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 14:22	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 14:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 14:22	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 14:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 14:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 14:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 14:22	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 14:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 14:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 14:22	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 14:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 14:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 14:22	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 14:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 14:22	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 14:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 14:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 14:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 14:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 14:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 14:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 14:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 14:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 14:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 14:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 14:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 14:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 14:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 14:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 14:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 14:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-32
Date Collected: 03/21/14 11:15
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-32
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		03/31/14 14:22	1
4-Bromofluorobenzene (Surr)	85		66 - 120		03/31/14 14:22	1
Toluene-d8 (Surr)	91		74 - 120		03/31/14 14:22	1
Dibromofluoromethane (Surr)	91		75 - 121		03/31/14 14:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-33
Date Collected: 03/21/14 12:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.7	J B	10	1.1	ug/L			03/31/14 14:44	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 14:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 14:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 14:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 14:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 14:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 14:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 14:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 14:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 14:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 14:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 14:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 14:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 14:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 14:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 14:44	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 14:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 14:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 14:44	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 14:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 14:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 14:44	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 14:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 14:44	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 14:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 14:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 14:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 14:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 14:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 14:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 14:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 14:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 14:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 14:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 14:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 14:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 14:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 14:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 14:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 14:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-33
Date Collected: 03/21/14 12:40
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-33
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		03/31/14 14:44	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 14:44	1
Toluene-d8 (Surr)	90		74 - 120		03/31/14 14:44	1
Dibromofluoromethane (Surr)	93		75 - 121		03/31/14 14:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-34
Date Collected: 03/21/14 13:50
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.4	J B	10	1.1	ug/L			03/31/14 15:06	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 15:06	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 15:06	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 15:06	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 15:06	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 15:06	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 15:06	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 15:06	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 15:06	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 15:06	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 15:06	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 15:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 15:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 15:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 15:06	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 15:06	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 15:06	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 15:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 15:06	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 15:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 15:06	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 15:06	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 15:06	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 15:06	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 15:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 15:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 15:06	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 15:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 15:06	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 15:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 15:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 15:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 15:06	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 15:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 15:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 15:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 15:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 15:06	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 15:06	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 15:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-34
Date Collected: 03/21/14 13:50
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-34
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		03/31/14 15:06	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 15:06	1
Toluene-d8 (Surr)	91		74 - 120		03/31/14 15:06	1
Dibromofluoromethane (Surr)	98		75 - 121		03/31/14 15:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-35
Date Collected: 03/21/14 15:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J B	10	1.1	ug/L			03/31/14 15:29	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 15:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 15:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 15:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 15:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 15:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 15:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 15:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 15:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 15:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 15:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 15:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 15:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 15:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 15:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 15:29	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 15:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 15:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 15:29	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 15:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 15:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 15:29	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 15:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 15:29	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 15:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 15:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 15:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 15:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 15:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 15:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 15:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 15:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 15:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 15:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 15:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 15:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 15:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 15:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 15:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 15:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 15:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-35
Date Collected: 03/21/14 15:20
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-35
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		03/31/14 15:29	1
4-Bromofluorobenzene (Surr)	84		66 - 120		03/31/14 15:29	1
Toluene-d8 (Surr)	90		74 - 120		03/31/14 15:29	1
Dibromofluoromethane (Surr)	95		75 - 121		03/31/14 15:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-36
Date Collected: 03/21/14 16:50
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J B	10	1.1	ug/L			03/31/14 15:51	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 15:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 15:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 15:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 15:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 15:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 15:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 15:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 15:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 15:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 15:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 15:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 15:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 15:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 15:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 15:51	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 15:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 15:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 15:51	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 15:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 15:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 15:51	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 15:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 15:51	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 15:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 15:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 15:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 15:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 15:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 15:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 15:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 15:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 15:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 15:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 15:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 15:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 15:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 15:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 15:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 15:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032114-DN-36
Date Collected: 03/21/14 16:50
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-36
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		03/31/14 15:51	1
4-Bromofluorobenzene (Surr)	83		66 - 120		03/31/14 15:51	1
Toluene-d8 (Surr)	87		74 - 120		03/31/14 15:51	1
Dibromofluoromethane (Surr)	96		75 - 121		03/31/14 15:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: TRIP BLANK
Date Collected: 03/21/14 00:00
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.3	J B	10	1.1	ug/L			03/31/14 16:13	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 16:13	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 16:13	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 16:13	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 16:13	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 16:13	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 16:13	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 16:13	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 16:13	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 16:13	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 16:13	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 16:13	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 16:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 16:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 16:13	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 16:13	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 16:13	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 16:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 16:13	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 16:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 16:13	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 16:13	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 16:13	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 16:13	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 16:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 16:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 16:13	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 16:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 16:13	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 16:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 16:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 16:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 16:13	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 16:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 16:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 16:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 16:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 16:13	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 16:13	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 16:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: TRIP BLANK
Date Collected: 03/21/14 00:00
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-37
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		03/31/14 16:13	1
4-Bromofluorobenzene (Surr)	81		66 - 120		03/31/14 16:13	1
Toluene-d8 (Surr)	89		74 - 120		03/31/14 16:13	1
Dibromofluoromethane (Surr)	96		75 - 121		03/31/14 16:13	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-120)	(74-120)	(75-121)
240-35332-1	WG-12616-031714-DN-01	82	82	80	95
240-35332-2	WG-12616-031714-DN-02	84	85	83	99
240-35332-3	WG-12616-031714-DN-03	81	77	77	94
240-35332-4	WG-12616-031714-DN-04	92	92	88	106
240-35332-5	WG-12616-031714-DN-05	80	82	77	92
240-35332-6	WG-12616-031714-DN-06	84	93	81	108
240-35332-7	WG-12616-031814-DN-07	88	88	80	107
240-35332-8	WG-12616-031814-DN-08	85	88	87	99
240-35332-9	WG-12616-031814-DN-09	77	87	79	96
240-35332-10	WG-12616-031814-DN-10	87	85	82	99
240-35332-11	WG-12616-031814-DN-11	83	83	79	98
240-35332-12	WG-12616-031814-DN-12	85	82	80	100
240-35332-13	WG-12616-031814-DN-13	76	77	76	91
240-35332-14	WG-12616-031914-DN-14	84	81	79	100
240-35332-15	WG-12616-031914-DN-15	82	80	77	95
240-35332-16	WG-12616-031914-DN-16	86	82	81	101
240-35332-17	WG-12616-031914-DN-17	86	83	80	101
240-35332-18	WG-12616-031914-DN-18	88	82	81	101
240-35332-19	WG-12616-031914-DN-19	85	83	81	101
240-35332-20	WG-12616-031914-DN-20	85	81	80	99
240-35332-21	WG-12616-032014-DN-21	84	81	80	97
240-35332-21 MS	WG-12616-032014-DN-21	79	92	85	96
240-35332-21 MSD	WG-12616-032014-DN-21	75	87	81	92
240-35332-22	WG-12616-032014-DN-22	83	80	77	98
240-35332-23	WG-12616-032014-DN-23	89	88	85	104
240-35332-24	WG-12616-032014-DN-24	84	80	80	100
240-35332-25	WG-12616-032014-DN-25	87	83	81	101
240-35332-26	WG-12616-032014-DN-26	86	79	78	97
240-35332-27	WG-12616-032014-DN-27	87	84	83	104
240-35332-28	WG-12616-032014-DN-28	103	83	89	93
240-35332-29	WG-12616-032114-DN-29	100	85	91	95
240-35332-30	WG-12616-032114-DN-30	100	83	89	94
240-35332-31	WG-12616-032114-DN-31	99	83	89	94
240-35332-32	WG-12616-032114-DN-32	100	85	91	91
240-35332-33	WG-12616-032114-DN-33	101	83	90	93
240-35332-34	WG-12616-032114-DN-34	102	83	91	98
240-35332-35	WG-12616-032114-DN-35	101	84	90	95
240-35332-36	WG-12616-032114-DN-36	103	83	87	96
240-35332-37	TRIP BLANK	104	81	89	96
LCS 240-124247/4	Lab Control Sample	79	91	88	95
LCS 240-124502/4	Lab Control Sample	79	93	87	94
LCS 240-124548/4	Lab Control Sample	96	94	95	95
MB 240-124247/6	Method Blank	78	82	80	89
MB 240-124502/6	Method Blank	83	85	82	98
MB 240-124548/5	Method Blank	97	90	90	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-124247/6
Matrix: Water
Analysis Batch: 124247

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/27/14 14:57	1
Benzene	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/27/14 14:57	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/27/14 14:57	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/27/14 14:57	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/27/14 14:57	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 14:57	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/27/14 14:57	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/27/14 14:57	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/27/14 14:57	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/27/14 14:57	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 14:57	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 14:57	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/27/14 14:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/27/14 14:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/27/14 14:57	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/27/14 14:57	1
2-Hexanone	10	U	10	0.41	ug/L			03/27/14 14:57	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/27/14 14:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/27/14 14:57	1
Styrene	1.0	U	1.0	0.11	ug/L			03/27/14 14:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/27/14 14:57	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/27/14 14:57	1
Toluene	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 14:57	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/27/14 14:57	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/27/14 14:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/27/14 14:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/27/14 14:57	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/27/14 14:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/27/14 14:57	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/27/14 14:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/27/14 14:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/27/14 14:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/27/14 14:57	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
Methyl acetate	10	U	10	0.38	ug/L			03/27/14 14:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/27/14 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/27/14 14:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/27/14 14:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/27/14 14:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/27/14 14:57	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/27/14 14:57	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/27/14 14:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124247/6
Matrix: Water
Analysis Batch: 124247

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*78*		*63 - 129*		*03/27/14 14:57*	*1*
4-Bromofluorobenzene (Surr)	*82*		*66 - 120*		*03/27/14 14:57*	*1*
Toluene-d8 (Surr)	*80*		*74 - 120*		*03/27/14 14:57*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 121*		*03/27/14 14:57*	*1*

Lab Sample ID: LCS 240-124247/4
Matrix: Water
Analysis Batch: 124247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.3		ug/L		82	43 - 136
Benzene	10.0	9.78		ug/L		98	80 - 120
Dichlorobromomethane	10.0	9.60		ug/L		96	72 - 121
Bromoform	10.0	10.2		ug/L		102	40 - 131
Bromomethane	10.0	7.02		ug/L		70	11 - 185
2-Butanone (MEK)	20.0	16.5		ug/L		83	60 - 126
Carbon disulfide	10.0	10.9		ug/L		109	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	9.97		ug/L		100	80 - 120
Chloroethane	10.0	6.12		ug/L		61	25 - 153
Chloroform	10.0	9.81		ug/L		98	79 - 120
Chloromethane	10.0	5.88		ug/L		59	44 - 126
1,1-Dichloroethane	10.0	9.59		ug/L		96	80 - 120
1,2-Dichloroethane	10.0	9.25		ug/L		93	71 - 127
1,1-Dichloroethene	10.0	10.8		ug/L		108	78 - 131
1,2-Dichloropropane	10.0	9.34		ug/L		93	80 - 120
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	61 - 120
trans-1,3-Dichloropropene	10.0	9.06		ug/L		91	58 - 120
Ethylbenzene	10.0	9.73		ug/L		97	80 - 120
2-Hexanone	20.0	14.9		ug/L		74	55 - 133
Methylene Chloride	10.0	9.65		ug/L		97	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.9		ug/L		80	63 - 128
Styrene	10.0	9.81		ug/L		98	79 - 120
1,1,2,2-Tetrachloroethane	10.0	8.25		ug/L		82	68 - 120
Tetrachloroethene	10.0	11.1		ug/L		111	79 - 120
Toluene	10.0	9.58		ug/L		96	80 - 120
Trichloroethene	10.0	11.5		ug/L		115	76 - 120
Vinyl chloride	10.0	6.68		ug/L		67	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	74 - 120
1,1,2-Trichloroethane	10.0	9.24		ug/L		92	80 - 120
Cyclohexane	10.0	9.37		ug/L		94	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.65		ug/L		86	42 - 136
Ethylene Dibromide	10.0	9.79		ug/L		98	79 - 120
Dichlorodifluoromethane	10.0	5.87		ug/L		59	19 - 129
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	10.6		ug/L		106	80 - 120
Isopropylbenzene	10.0	10.0		ug/L		100	75 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124247/4
Matrix: Water
Analysis Batch: 124247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	39.0		ug/L		78	58 - 131
Methyl tert-butyl ether	10.0	9.23		ug/L		92	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.5		ug/L		125	74 - 151
1,2,4-Trichlorobenzene	10.0	9.78		ug/L		98	48 - 135
1,2-Dichlorobenzene	10.0	9.58		ug/L		96	80 - 120
1,3-Dichlorobenzene	10.0	9.44		ug/L		94	80 - 120
1,4-Dichlorobenzene	10.0	9.56		ug/L		96	80 - 120
Trichlorofluoromethane	10.0	8.58		ug/L		86	49 - 157
Chlorodibromomethane	10.0	9.87		ug/L		99	64 - 120
Methylcyclohexane	10.0	10.4		ug/L		104	56 - 127
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	80 - 120
o-Xylene	10.0	10.1		ug/L		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*63 - 129*
4-Bromofluorobenzene (Surr)	*91*		*66 - 120*
Toluene-d8 (Surr)	*88*		*74 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

Lab Sample ID: MB 240-124502/6
Matrix: Water
Analysis Batch: 124502

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/30/14 18:14	1
Benzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/30/14 18:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/30/14 18:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/30/14 18:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/30/14 18:14	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 18:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/30/14 18:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/30/14 18:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/30/14 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/30/14 18:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 18:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/30/14 18:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/30/14 18:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/30/14 18:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/30/14 18:14	1
2-Hexanone	10	U	10	0.41	ug/L			03/30/14 18:14	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/30/14 18:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/30/14 18:14	1
Styrene	1.0	U	1.0	0.11	ug/L			03/30/14 18:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124502/6
Matrix: Water
Analysis Batch: 124502

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/30/14 18:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/30/14 18:14	1
Toluene	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 18:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/30/14 18:14	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/30/14 18:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/30/14 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/30/14 18:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/30/14 18:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/30/14 18:14	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/30/14 18:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/30/14 18:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/30/14 18:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/30/14 18:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
Methyl acetate	10	U	10	0.38	ug/L			03/30/14 18:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/30/14 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/30/14 18:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/30/14 18:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/30/14 18:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/30/14 18:14	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/30/14 18:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/30/14 18:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*63 - 129*		*03/30/14 18:14*	*1*
4-Bromofluorobenzene (Surr)	*85*		*66 - 120*		*03/30/14 18:14*	*1*
Toluene-d8 (Surr)	*82*		*74 - 120*		*03/30/14 18:14*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 121*		*03/30/14 18:14*	*1*

Lab Sample ID: LCS 240-124502/4
Matrix: Water
Analysis Batch: 124502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.6		ug/L		83	43 - 136
Benzene	10.0	9.05		ug/L		90	80 - 120
Dichlorobromomethane	10.0	9.12		ug/L		91	72 - 121
Bromoform	10.0	10.4		ug/L		104	40 - 131
Bromomethane	10.0	8.03		ug/L		80	11 - 185
2-Butanone (MEK)	20.0	16.8		ug/L		84	60 - 126
Carbon disulfide	10.0	10.3		ug/L		103	62 - 142
Carbon tetrachloride	10.0	10.7		ug/L		107	66 - 128
Chlorobenzene	10.0	9.43		ug/L		94	80 - 120
Chloroethane	10.0	6.31		ug/L		63	25 - 153
Chloroform	10.0	9.41		ug/L		94	79 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124502/4
Matrix: Water
Analysis Batch: 124502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	5.94		ug/L		59	44 - 126
1,1-Dichloroethane	10.0	8.93		ug/L		89	80 - 120
1,2-Dichloroethane	10.0	8.66		ug/L		87	71 - 127
1,1-Dichloroethene	10.0	10.3		ug/L		103	78 - 131
1,2-Dichloropropane	10.0	8.56		ug/L		86	80 - 120
cis-1,3-Dichloropropene	10.0	9.70		ug/L		97	61 - 120
trans-1,3-Dichloropropene	10.0	8.57		ug/L		86	58 - 120
Ethylbenzene	10.0	9.46		ug/L		95	80 - 120
2-Hexanone	20.0	14.8		ug/L		74	55 - 133
Methylene Chloride	10.0	9.29		ug/L		93	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.1		ug/L		81	63 - 128
Styrene	10.0	9.35		ug/L		93	79 - 120
1,1,2,2-Tetrachloroethane	10.0	7.66		ug/L		77	68 - 120
Tetrachloroethene	10.0	10.7		ug/L		107	79 - 120
Toluene	10.0	8.95		ug/L		89	80 - 120
Trichloroethene	10.0	11.1		ug/L		111	76 - 120
Vinyl chloride	10.0	6.48		ug/L		65	53 - 127
Xylenes, Total	20.0	18.9		ug/L		94	80 - 120
1,1,1-Trichloroethane	10.0	9.96		ug/L		100	74 - 120
1,1,2-Trichloroethane	10.0	8.87		ug/L		89	80 - 120
Cyclohexane	10.0	8.72		ug/L		87	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.80		ug/L		88	42 - 136
Ethylene Dibromide	10.0	9.42		ug/L		94	79 - 120
Dichlorodifluoromethane	10.0	6.07		ug/L		61	19 - 129
cis-1,2-Dichloroethene	10.0	9.68		ug/L		97	80 - 120
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Isopropylbenzene	10.0	9.47		ug/L		95	75 - 120
Methyl acetate	50.0	37.2		ug/L		74	58 - 131
Methyl tert-butyl ether	10.0	9.00		ug/L		90	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.2		ug/L		122	74 - 151
1,2,4-Trichlorobenzene	10.0	9.29		ug/L		93	48 - 135
1,2-Dichlorobenzene	10.0	9.09		ug/L		91	80 - 120
1,3-Dichlorobenzene	10.0	8.96		ug/L		90	80 - 120
1,4-Dichlorobenzene	10.0	9.01		ug/L		90	80 - 120
Trichlorofluoromethane	10.0	8.62		ug/L		86	49 - 157
Chlorodibromomethane	10.0	9.89		ug/L		99	64 - 120
Methylcyclohexane	10.0	9.88		ug/L		99	56 - 127
m-Xylene & p-Xylene	10.0	9.34		ug/L		93	80 - 120
o-Xylene	10.0	9.52		ug/L		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*63 - 129*
4-Bromofluorobenzene (Surr)	*93*		*66 - 120*
Toluene-d8 (Surr)	*87*		*74 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-35332-21 MS
Matrix: Water
Analysis Batch: 124502

Client Sample ID: WG-12616-032014-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	14.8		ug/L		74	33 - 145
Benzene	1.0	U	10.0	9.15		ug/L		92	72 - 121
Dichlorobromomethane	1.0	U	10.0	9.47		ug/L		95	67 - 120
Bromoform	1.0	U	10.0	10.3		ug/L		103	32 - 128
Bromomethane	1.0	U	10.0	7.58		ug/L		76	10 - 186
2-Butanone (MEK)	10	U	20.0	14.6		ug/L		73	54 - 129
Carbon disulfide	1.0	U	10.0	10.0		ug/L		100	57 - 147
Carbon tetrachloride	1.0	U	10.0	10.4		ug/L		104	59 - 129
Chlorobenzene	1.0	U	10.0	9.34		ug/L		93	80 - 120
Chloroethane	1.0	U	10.0	5.86		ug/L		59	21 - 165
Chloroform	1.0	U	10.0	9.49		ug/L		95	76 - 120
Chloromethane	1.0	U	10.0	5.51		ug/L		55	33 - 132
1,1-Dichloroethane	1.0	U	10.0	8.81		ug/L		88	79 - 120
1,2-Dichloroethane	1.0	U	10.0	9.04		ug/L		90	68 - 129
1,1-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	74 - 135
1,2-Dichloropropane	1.0	U	10.0	8.58		ug/L		86	78 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	8.85		ug/L		88	51 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	8.59		ug/L		86	46 - 120
Ethylbenzene	1.0	U	10.0	9.09		ug/L		91	75 - 120
2-Hexanone	10	U	20.0	14.7		ug/L		74	47 - 139
Methylene Chloride	1.0	U	10.0	9.36		ug/L		94	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	15.7		ug/L		79	56 - 131
Styrene	1.0	U	10.0	9.26		ug/L		93	71 - 120
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.73		ug/L		77	63 - 122
Tetrachloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120
Toluene	1.0	U	10.0	8.86		ug/L		89	78 - 120
Trichloroethene	1.0	U	10.0	11.0		ug/L		110	66 - 120
Vinyl chloride	1.0	U	10.0	6.18		ug/L		62	49 - 130
Xylenes, Total	2.0	U	20.0	18.7		ug/L		93	76 - 120
1,1,1-Trichloroethane	1.0	U	10.0	9.80		ug/L		98	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.06		ug/L		91	75 - 120
Cyclohexane	1.0	U	10.0	7.81		ug/L		78	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.61		ug/L		86	32 - 139
Ethylene Dibromide	1.0	U	10.0	9.61		ug/L		96	74 - 120
Dichlorodifluoromethane	1.0	U	10.0	4.91		ug/L		49	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.70		ug/L		97	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.5		ug/L		105	80 - 120
Isopropylbenzene	1.0	U	10.0	8.97		ug/L		90	68 - 120
Methyl acetate	10	U	50.0	36.3		ug/L		73	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	8.90		ug/L		89	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	11.5		ug/L		115	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	8.56		ug/L		86	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.75		ug/L		87	75 - 120
1,3-Dichlorobenzene	1.0	U	10.0	8.57		ug/L		86	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	8.70		ug/L		87	75 - 120
Trichlorofluoromethane	1.0	U	10.0	7.82		ug/L		78	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.87		ug/L		99	56 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-35332-21 MS
Matrix: Water
Analysis Batch: 124502

Client Sample ID: WG-12616-032014-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	1.0	U	10.0	8.58		ug/L		86	49 - 127
m-Xylene & p-Xylene	2.0		10.0	9.29		ug/L		93	75 - 120
o-Xylene	1.0		10.0	9.39		ug/L		94	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*63 - 129*
4-Bromofluorobenzene (Surr)	*92*		*66 - 120*
Toluene-d8 (Surr)	*85*		*74 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: 240-35332-21 MSD
Matrix: Water
Analysis Batch: 124502

Client Sample ID: WG-12616-032014-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	14.7		ug/L		74	33 - 145	0	30
Benzene	1.0	U	10.0	8.75		ug/L		88	72 - 121	4	30
Dichlorobromomethane	1.0	U	10.0	8.77		ug/L		88	67 - 120	8	30
Bromoform	1.0	U	10.0	9.90		ug/L		99	32 - 128	4	30
Bromomethane	1.0	U	10.0	6.84		ug/L		68	10 - 186	10	30
2-Butanone (MEK)	10	U	20.0	14.6		ug/L		73	54 - 129	0	30
Carbon disulfide	1.0	U	10.0	9.58		ug/L		96	57 - 147	5	30
Carbon tetrachloride	1.0	U	10.0	9.98		ug/L		100	59 - 129	4	30
Chlorobenzene	1.0	U	10.0	9.02		ug/L		90	80 - 120	4	30
Chloroethane	1.0	U	10.0	5.44		ug/L		54	21 - 165	7	30
Chloroform	1.0	U	10.0	9.09		ug/L		91	76 - 120	4	30
Chloromethane	1.0	U	10.0	5.42		ug/L		54	33 - 132	2	30
1,1-Dichloroethane	1.0	U	10.0	8.49		ug/L		85	79 - 120	4	30
1,2-Dichloroethane	1.0	U	10.0	8.49		ug/L		85	68 - 129	6	30
1,1-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	74 - 135	3	30
1,2-Dichloropropane	1.0	U	10.0	8.05		ug/L		81	78 - 120	6	30
cis-1,3-Dichloropropene	1.0	U	10.0	8.69		ug/L		87	51 - 120	2	30
trans-1,3-Dichloropropene	1.0	U	10.0	7.95		ug/L		79	46 - 120	8	30
Ethylbenzene	1.0	U	10.0	8.76		ug/L		88	75 - 120	4	30
2-Hexanone	10	U	20.0	14.3		ug/L		71	47 - 139	3	30
Methylene Chloride	1.0	U	10.0	8.58		ug/L		86	63 - 128	9	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	15.3		ug/L		76	56 - 131	3	30
Styrene	1.0	U	10.0	8.91		ug/L		89	71 - 120	4	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.67		ug/L		77	63 - 122	1	30
Tetrachloroethene	1.0	U	10.0	9.93		ug/L		99	70 - 120	4	30
Toluene	1.0	U	10.0	8.49		ug/L		85	78 - 120	4	30
Trichloroethene	1.0	U	10.0	10.4		ug/L		104	66 - 120	6	30
Vinyl chloride	1.0	U	10.0	5.98		ug/L		60	49 - 130	3	30
Xylenes, Total	2.0	U	20.0	18.1		ug/L		90	76 - 120	3	30
1,1,1-Trichloroethane	1.0	U	10.0	9.63		ug/L		96	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	8.66		ug/L		87	75 - 120	5	30
Cyclohexane	1.0	U	10.0	7.65		ug/L		77	49 - 123	2	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.70		ug/L		87	32 - 139	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-35332-21 MSD
Matrix: Water
Analysis Batch: 124502

Client Sample ID: WG-12616-032014-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	1.0	U	10.0	9.13		ug/L		91	74 - 120	5	30
Dichlorodifluoromethane	1.0	U	10.0	4.80		ug/L		48	17 - 128	2	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.55		ug/L		96	70 - 120	2	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	80 - 120	5	30
Isopropylbenzene	1.0	U	10.0	8.66		ug/L		87	68 - 120	4	30
Methyl acetate	10	U	50.0	34.9		ug/L		70	47 - 130	4	30
Methyl tert-butyl ether	1.0	U	10.0	8.57		ug/L		86	46 - 144	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.7		ug/L		107	70 - 152	6	30
1,2,4-Trichlorobenzene	1.0	U	10.0	8.74		ug/L		87	38 - 138	2	30
1,2-Dichlorobenzene	1.0	U	10.0	8.79		ug/L		88	75 - 120	0	30
1,3-Dichlorobenzene	1.0	U	10.0	8.62		ug/L		86	73 - 120	1	30
1,4-Dichlorobenzene	1.0	U	10.0	8.72		ug/L		87	75 - 120	0	30
Trichlorofluoromethane	1.0	U	10.0	7.35		ug/L		73	46 - 157	6	30
Chlorodibromomethane	1.0	U	10.0	9.40		ug/L		94	56 - 120	5	30
Methylcyclohexane	1.0	U	10.0	8.27		ug/L		83	49 - 127	4	30
m-Xylene & p-Xylene	2.0		10.0	9.00		ug/L		90	75 - 120	3	30
o-Xylene	1.0		10.0	9.09		ug/L		91	76 - 120	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*75*		*63 - 129*
4-Bromofluorobenzene (Surr)	*87*		*66 - 120*
Toluene-d8 (Surr)	*81*		*74 - 120*
Dibromofluoromethane (Surr)	*92*		*75 - 121*

Lab Sample ID: MB 240-124548/5
Matrix: Water
Analysis Batch: 124548

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.47	J	10	1.1	ug/L			03/31/14 10:37	1
Benzene	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/31/14 10:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/31/14 10:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/31/14 10:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/31/14 10:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 10:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/31/14 10:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/31/14 10:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/31/14 10:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/31/14 10:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 10:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 10:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/31/14 10:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/31/14 10:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/31/14 10:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124548/5
Matrix: Water
Analysis Batch: 124548

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/31/14 10:37	1
2-Hexanone	10	U	10	0.41	ug/L			03/31/14 10:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/31/14 10:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/31/14 10:37	1
Styrene	1.0	U	1.0	0.11	ug/L			03/31/14 10:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/31/14 10:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/31/14 10:37	1
Toluene	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 10:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/31/14 10:37	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			03/31/14 10:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/31/14 10:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/31/14 10:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/31/14 10:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/31/14 10:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/31/14 10:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/31/14 10:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/31/14 10:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/31/14 10:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
Methyl acetate	10	U	10	0.38	ug/L			03/31/14 10:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			03/31/14 10:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/31/14 10:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/31/14 10:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/31/14 10:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/31/14 10:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/31/14 10:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/31/14 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*		*03/31/14 10:37*	*1*
4-Bromofluorobenzene (Surr)	*90*		*66 - 120*		*03/31/14 10:37*	*1*
Toluene-d8 (Surr)	*90*		*74 - 120*		*03/31/14 10:37*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 121*		*03/31/14 10:37*	*1*

Lab Sample ID: LCS 240-124548/4
Matrix: Water
Analysis Batch: 124548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.1		ug/L		81	43 - 136
Benzene	10.0	9.53		ug/L		95	80 - 120
Dichlorobromomethane	10.0	10.3		ug/L		103	72 - 121
Bromoform	10.0	9.34		ug/L		93	40 - 131
Bromomethane	10.0	11.3		ug/L		113	11 - 185
2-Butanone (MEK)	20.0	17.9		ug/L		89	60 - 126

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124548/4
Matrix: Water
Analysis Batch: 124548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	9.81		ug/L		98	62 - 142
Carbon tetrachloride	10.0	10.2		ug/L		102	66 - 128
Chlorobenzene	10.0	9.54		ug/L		95	80 - 120
Chloroethane	10.0	11.3		ug/L		113	25 - 153
Chloroform	10.0	9.82		ug/L		98	79 - 120
Chloromethane	10.0	8.50		ug/L		85	44 - 126
1,1-Dichloroethane	10.0	9.80		ug/L		98	80 - 120
1,2-Dichloroethane	10.0	10.4		ug/L		104	71 - 127
1,1-Dichloroethene	10.0	9.46		ug/L		95	78 - 131
1,2-Dichloropropane	10.0	10.2		ug/L		102	80 - 120
cis-1,3-Dichloropropene	10.0	9.84		ug/L		98	61 - 120
trans-1,3-Dichloropropene	10.0	10.7		ug/L		107	58 - 120
Ethylbenzene	10.0	9.62		ug/L		96	80 - 120
2-Hexanone	20.0	18.0		ug/L		90	55 - 133
Methylene Chloride	10.0	10.3		ug/L		103	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	17.0		ug/L		85	63 - 128
Styrene	10.0	9.77		ug/L		98	79 - 120
1,1,2,2-Tetrachloroethane	10.0	8.27		ug/L		83	68 - 120
Tetrachloroethene	10.0	9.90		ug/L		99	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.82		ug/L		98	76 - 120
Vinyl chloride	10.0	7.93		ug/L		79	53 - 127
Xylenes, Total	20.0	19.5		ug/L		97	80 - 120
1,1,1-Trichloroethane	10.0	9.41		ug/L		94	74 - 120
1,1,2-Trichloroethane	10.0	9.51		ug/L		95	80 - 120
Cyclohexane	10.0	8.90		ug/L		89	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.37		ug/L		74	42 - 136
Ethylene Dibromide	10.0	9.41		ug/L		94	79 - 120
Dichlorodifluoromethane	10.0	5.91		ug/L		59	19 - 129
cis-1,2-Dichloroethene	10.0	9.87		ug/L		99	80 - 120
trans-1,2-Dichloroethene	10.0	9.83		ug/L		98	80 - 120
Isopropylbenzene	10.0	9.24		ug/L		92	75 - 120
Methyl acetate	50.0	41.7		ug/L		83	58 - 131
Methyl tert-butyl ether	10.0	9.44		ug/L		94	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.5		ug/L		105	74 - 151
1,2,4-Trichlorobenzene	10.0	9.78		ug/L		98	48 - 135
1,2-Dichlorobenzene	10.0	9.30		ug/L		93	80 - 120
1,3-Dichlorobenzene	10.0	9.05		ug/L		91	80 - 120
1,4-Dichlorobenzene	10.0	9.31		ug/L		93	80 - 120
Trichlorofluoromethane	10.0	14.6		ug/L		146	49 - 157
Chlorodibromomethane	10.0	10.4		ug/L		104	64 - 120
Methylcyclohexane	10.0	8.94		ug/L		89	56 - 127
m-Xylene & p-Xylene	10.0	9.92		ug/L		99	80 - 120
o-Xylene	10.0	9.53		ug/L		95	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 129*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124548/4
Matrix: Water
Analysis Batch: 124548

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		66 - 120
Toluene-d8 (Surr)	95		74 - 120
Dibromofluoromethane (Surr)	95		75 - 121

GC/MS VOA

Analysis Batch: 124247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35332-1	WG-12616-031714-DN-01	Total/NA	Water	8260B	
240-35332-2	WG-12616-031714-DN-02	Total/NA	Water	8260B	
240-35332-3	WG-12616-031714-DN-03	Total/NA	Water	8260B	
240-35332-4	WG-12616-031714-DN-04	Total/NA	Water	8260B	
240-35332-5	WG-12616-031714-DN-05	Total/NA	Water	8260B	
240-35332-6	WG-12616-031714-DN-06	Total/NA	Water	8260B	
240-35332-7	WG-12616-031814-DN-07	Total/NA	Water	8260B	
240-35332-9	WG-12616-031814-DN-09	Total/NA	Water	8260B	
LCS 240-124247/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124247/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 124502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35332-8	WG-12616-031814-DN-08	Total/NA	Water	8260B	
240-35332-10	WG-12616-031814-DN-10	Total/NA	Water	8260B	
240-35332-11	WG-12616-031814-DN-11	Total/NA	Water	8260B	
240-35332-12	WG-12616-031814-DN-12	Total/NA	Water	8260B	
240-35332-13	WG-12616-031814-DN-13	Total/NA	Water	8260B	
240-35332-14	WG-12616-031914-DN-14	Total/NA	Water	8260B	
240-35332-15	WG-12616-031914-DN-15	Total/NA	Water	8260B	
240-35332-16	WG-12616-031914-DN-16	Total/NA	Water	8260B	
240-35332-17	WG-12616-031914-DN-17	Total/NA	Water	8260B	
240-35332-18	WG-12616-031914-DN-18	Total/NA	Water	8260B	
240-35332-19	WG-12616-031914-DN-19	Total/NA	Water	8260B	
240-35332-20	WG-12616-031914-DN-20	Total/NA	Water	8260B	
240-35332-21	WG-12616-032014-DN-21	Total/NA	Water	8260B	
240-35332-21 MS	WG-12616-032014-DN-21	Total/NA	Water	8260B	
240-35332-21 MSD	WG-12616-032014-DN-21	Total/NA	Water	8260B	
240-35332-22	WG-12616-032014-DN-22	Total/NA	Water	8260B	
240-35332-23	WG-12616-032014-DN-23	Total/NA	Water	8260B	
240-35332-24	WG-12616-032014-DN-24	Total/NA	Water	8260B	
240-35332-25	WG-12616-032014-DN-25	Total/NA	Water	8260B	
240-35332-26	WG-12616-032014-DN-26	Total/NA	Water	8260B	
240-35332-27	WG-12616-032014-DN-27	Total/NA	Water	8260B	
LCS 240-124502/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124502/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 124548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35332-28	WG-12616-032014-DN-28	Total/NA	Water	8260B	
240-35332-29	WG-12616-032114-DN-29	Total/NA	Water	8260B	
240-35332-30	WG-12616-032114-DN-30	Total/NA	Water	8260B	
240-35332-31	WG-12616-032114-DN-31	Total/NA	Water	8260B	
240-35332-32	WG-12616-032114-DN-32	Total/NA	Water	8260B	
240-35332-33	WG-12616-032114-DN-33	Total/NA	Water	8260B	
240-35332-34	WG-12616-032114-DN-34	Total/NA	Water	8260B	
240-35332-35	WG-12616-032114-DN-35	Total/NA	Water	8260B	
240-35332-36	WG-12616-032114-DN-36	Total/NA	Water	8260B	
240-35332-37	TRIP BLANK	Total/NA	Water	8260B	
LCS 240-124548/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124548/5	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031714-DN-01 — Lab Sample ID: 240-35332-1

Date Collected: 03/17/14 09:35 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 20:04	RJQ	TAL CAN

Client Sample ID: WG-12616-031714-DN-02 — Lab Sample ID: 240-35332-2

Date Collected: 03/17/14 10:40 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 20:27	RJQ	TAL CAN

Client Sample ID: WG-12616-031714-DN-03 — Lab Sample ID: 240-35332-3

Date Collected: 03/17/14 12:10 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 20:49	RJQ	TAL CAN

Client Sample ID: WG-12616-031714-DN-04 — Lab Sample ID: 240-35332-4

Date Collected: 03/17/14 13:40 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 21:12	RJQ	TAL CAN

Client Sample ID: WG-12616-031714-DN-05 — Lab Sample ID: 240-35332-5

Date Collected: 03/17/14 14:30 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 21:34	RJQ	TAL CAN

Client Sample ID: WG-12616-031714-DN-06 — Lab Sample ID: 240-35332-6

Date Collected: 03/17/14 15:55 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 21:57	RJQ	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-031814-DN-07

Lab Sample ID: 240-35332-7

Date Collected: 03/18/14 10:25

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 22:20	RJQ	TAL CAN

Client Sample ID: WG-12616-031814-DN-08

Lab Sample ID: 240-35332-8

Date Collected: 03/18/14 11:20

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 18:59	LRW	TAL CAN

Client Sample ID: WG-12616-031814-DN-09

Lab Sample ID: 240-35332-9

Date Collected: 03/18/14 12:15

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124247	03/27/14 22:42	RJQ	TAL CAN

Client Sample ID: WG-12616-031814-DN-10

Lab Sample ID: 240-35332-10

Date Collected: 03/18/14 14:25

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 19:22	LRW	TAL CAN

Client Sample ID: WG-12616-031814-DN-11

Lab Sample ID: 240-35332-11

Date Collected: 03/18/14 15:10

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 19:44	LRW	TAL CAN

Client Sample ID: WG-12616-031814-DN-12

Lab Sample ID: 240-35332-12

Date Collected: 03/18/14 15:55

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 20:06	LRW	TAL CAN

Client Sample ID: WG-12616-031814-DN-13 — **Lab Sample ID: 240-35332-13**
Date Collected: 03/18/14 17:20 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 20:29	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-14 — **Lab Sample ID: 240-35332-14**
Date Collected: 03/19/14 08:20 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 20:52	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-15 — **Lab Sample ID: 240-35332-15**
Date Collected: 03/19/14 09:45 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 21:14	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-16 — **Lab Sample ID: 240-35332-16**
Date Collected: 03/19/14 11:00 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 21:37	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-17 — **Lab Sample ID: 240-35332-17**
Date Collected: 03/19/14 12:15 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 21:59	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-18 — **Lab Sample ID: 240-35332-18**
Date Collected: 03/19/14 14:30 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 22:22	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-19 — **Lab Sample ID: 240-35332-19**
Date Collected: 03/19/14 16:05 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 22:45	LRW	TAL CAN

Client Sample ID: WG-12616-031914-DN-20 — **Lab Sample ID: 240-35332-20**
Date Collected: 03/19/14 17:35 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 23:07	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-21 — **Lab Sample ID: 240-35332-21**
Date Collected: 03/20/14 08:20 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/31/14 01:46	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-22 — **Lab Sample ID: 240-35332-22**
Date Collected: 03/20/14 09:45 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 23:30	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-23 — **Lab Sample ID: 240-35332-23**
Date Collected: 03/20/14 11:15 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/30/14 23:52	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-24 — **Lab Sample ID: 240-35332-24**
Date Collected: 03/20/14 12:40 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/31/14 00:15	LRW	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: WG-12616-032014-DN-25

Lab Sample ID: 240-35332-25

Date Collected: 03/20/14 14:25

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/31/14 00:38	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-26

Lab Sample ID: 240-35332-26

Date Collected: 03/20/14 15:55

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/31/14 01:00	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-27

Lab Sample ID: 240-35332-27

Date Collected: 03/20/14 17:25

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124502	03/31/14 01:23	LRW	TAL CAN

Client Sample ID: WG-12616-032014-DN-28

Lab Sample ID: 240-35332-28

Date Collected: 03/20/14 18:40

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 18:49	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-29

Lab Sample ID: 240-35332-29

Date Collected: 03/21/14 08:30

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 13:15	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-30

Lab Sample ID: 240-35332-30

Date Collected: 03/21/14 09:55

Matrix: Water

Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 13:37	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-31 — Lab Sample ID: 240-35332-31

Date Collected: 03/21/14 10:25 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 14:00	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-32 — Lab Sample ID: 240-35332-32

Date Collected: 03/21/14 11:15 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 14:22	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-33 — Lab Sample ID: 240-35332-33

Date Collected: 03/21/14 12:40 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 14:44	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-34 — Lab Sample ID: 240-35332-34

Date Collected: 03/21/14 13:50 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 15:06	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-35 — Lab Sample ID: 240-35332-35

Date Collected: 03/21/14 15:20 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 15:29	LEE	TAL CAN

Client Sample ID: WG-12616-032114-DN-36 — Lab Sample ID: 240-35332-36

Date Collected: 03/21/14 16:50 — **Matrix: Water**
Date Received: 03/22/14 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 15:51	LEE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Client Sample ID: TRIP BLANK
Date Collected: 03/21/14 00:00
Date Received: 03/22/14 09:35

Lab Sample ID: 240-35332-37
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124548	03/31/14 16:13	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-35332-1

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

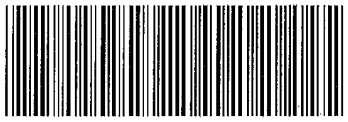
Authority	Program	EPA Region	Certification ID	Expiration Date
Ohio VAP	State Program	5	CL0024	10-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B		Water	Cyclohexane
8260B		Water	Methyl acetate
8260B		Water	Methylcyclohexane

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-35332 Chain of Custody

TestAmerica Canton
4101 Shuffel Street, N. N.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

1.0

Chain of Custody Record

042058

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

Client Contact	Project Manager: A. LaVine	Site Contact: D. Newton	Date: 3-21-14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: D. Heckler	Carrier:	1 of 3 COCs
Address: 1805 E. Perkins	Analysis Turnaround Time			Sampler: DN
City/State/Zip: Sandusky OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 419-609-1339	TAT if different from Below			Walk-in Client:
Fax:	☑ 2 weeks			Lab Sampling:
Project Name: Elyria	☐ 1 week			
Site: 12816-TO2	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOC	Sample Specific Notes:
WG-12816-031714-DN-01	3-17-14	0935	G	GW	3			X	
02		1040			3			X	
03		1240			3			X	
04		1340			3			X	
05		1430			3			X	
06		1555			3			X	
WG-12816-031814-DN-07	3-18-14	1025			3			X	
08		1120			3			X	
09		1215			3			X	
10		1425			3			X	
11		1510			3			X	
12		1555			3			X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company	Date/Time		Company	Date/Time
Relinquished by: Dan Newton	CRA	3/21/14 1830	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received in Laboratory by:	TA/Canton	3/22/14 9:35am

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4/2/2014

TestAmerica Canton

4101 Shuffel Street, N. N.

North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

Chain of Custody Record

042059

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

Client Contact	Project Manager: A. LaVine	Site Contact: D. Newton	Date: 3.21.14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: D. Hocker	Carrier:	2 of 3 COCs
Address: 1805 E. Perkins	Analysis Turnaround Time			Sampler:
City/State/Zip: Sandusky OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 419-609-1339	TAT if different from Below			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Elyria	☐ 1 week			
Site: 12616-TO2	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	VOCs	Sample Specific Notes:
WG-12616-031814-DN-13	3.18.14	1720	G	GW	3			X	
WG-12616-031914-DN-14	3.19.14	0820			3			X	
-15		0945			3			X	
-16		1100			3			X	
-17		1215			3			X	
-18		1430			3			X	
-19		1605			3			X	
-20		1735			3			X	
WG-12616-032014-DN-21	3.20.14	0820			9	X	X	X	
-22		0945			3			X	
-23		1115			3			X	
-24		1240			3			X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
D. Newton	CRA	3.21.14/1830			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL Canton	Date/Time: 3/22/14 9:35 am

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4/21/2014

TestAmerica Canton
4101 Shuffel Street, N. U.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

Chain of Custody Record

022477

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

Client Contact	Project Manager: A. LaVine	Site Contact: D. Newton	Date: 3-21-14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: D. Heckler	Carrier:	3 of 3 COCs
Address: 1805 E. Perkins	Analysis Turnaround Time			Sampler:
City/State/Zip: Sandusky OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 419-609-1339	TAT if different from Below			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Elyria	☐ 1 week			
Site: 12616-TD2	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes:
WG-12616-032014-DN-25	3-20-14	1425	G	GW	3			X	
-26		1555			3			X	
-27		1725			3			X	
-28		1840			3			X	
WG-12616-032114-DN-29	3-21-14	0830			3			X	
-30		0955			3			X	
-31		1025			3			X	
-32		1115			3			X	
-33		1240			3			X	
-34		1350			3			X	
-35		1520			3			X	
-36		1650			3			X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Trip Blank # TB-001

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Dan Newton	CRA	3-21-14/1820			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL Canton	Date/Time: 3/22/14 9:35 am

4/2/2014

TestAmerica Canton Sample Receipt Form/Narrative Login # : 35332
Canton Facility

Client CRA Site Name _____ Cooler unpacked by:

Cooler Received on 3/22/14 Opened on 3/22/14

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

~~IR GUN# A (CF +0 °C)~~ Observed Cooler Temp. 1.0 °C Corrected Cooler Temp. 1.0 °C

IR GUN# 4 (CF -1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple Cooler Form

IR GUN# 5 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

IR GUN# 8 (CF +1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes (No)
   -Were custody seals on the outside of the cooler(s) signed & dated? (Yes) No NA
   -Were custody seals on the bottle(s)? (Yes) No
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No

6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC391902
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

Received 3x40ml. Trip Blank not marked for tests on COC. Will log for VOC.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-35466-1
Client Project/Site: 12616-T02, OVAP Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
4/8/2014 3:22:05 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-35466-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, OVAP Racer Elyria

Report Number: 240-35466-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may contain sample results between the MDL and RL. Results below the RL are not certified under the Ohio Voluntary Action Program.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable. The following requested analytes, parameter groups or methods analyzed and contained in this report are not certified by the laboratory: Cyclohexane, Methyl Acetate, Methylcyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane by SW846 8260B (Samples 1 - 25).

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 3/27/2014 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples WG-12616-032414-DN-37 (240-35466-1), WG-12616-032414-DN-38 (240-35466-2), WG-12616-032414-DN-39 (240-35466-3), WG-12616-032414-DN-40 (240-35466-4), WG-12616-032414-DN-41 (240-35466-5), WG-12616-032414-DN-42 (240-35466-6), WG-12616-032414-DN-43 (240-35466-7), WG-12616-032414-DN-44 (240-35466-8), WG-12616-032514-DN-45 (240-35466-9), WG-12616-032514-DN-46 (240-35466-10), WG-12616-032514-DN-47 (240-35466-11), WG-12616-032514-DN-48 (240-35466-12), WG-12616-032514-DN-49 (240-35466-13), WG-12616-032514-DN-50 (240-35466-14), WG-12616-032514-DN-51 (240-35466-15), WG-12616-032514-DN-52 (240-35466-16), WG-12616-032514-DN-53 (240-35466-17), WG-12616-032614-DN-54 (240-35466-18),

Job ID: 240-35466-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

WG-12616-032614-DN-55 (240-35466-19), WG-12616-032614-DN-56 (240-35466-20), WG-12616-032614-DN-57 (240-35466-21), WG-12616-032614-DN-58 (240-35466-22), WG-12616-032614-DN-59 (240-35466-23), TB-002 (240-35466-24) and RB-12616-032614-DN-60 (240-35466-25) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/01/2014 and 04/02/2014.

Carbon disulfide was detected in method blank MB 240-124768/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Samples WG-12616-032414-DN-38 (240-35466-2)[14.28X], WG-12616-032514-DN-46 (240-35466-10)[1.67X], WG-12616-032614-DN-56 (240-35466-20)[3.33X], WG-12616-032614-DN-57 (240-35466-21)[4X] and WG-12616-032614-DN-58 (240-35466-22)[7.14X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The method blank for batch 124768 contained Methylene Chloride above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Sample WG-12616-032514-DN-46 (240-35466-10) had high analyte concentrations that exceeded the calibration range; however, reanalysis could not be performed due to insufficient sample volume.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-35466-1	WG-12616-032414-DN-37	Water	03/24/14 09:00	03/27/14 09:15
240-35466-2	WG-12616-032414-DN-38	Water	03/24/14 10:25	03/27/14 09:15
240-35466-3	WG-12616-032414-DN-39	Water	03/24/14 11:45	03/27/14 09:15
240-35466-4	WG-12616-032414-DN-40	Water	03/24/14 13:10	03/27/14 09:15
240-35466-5	WG-12616-032414-DN-41	Water	03/24/14 14:10	03/27/14 09:15
240-35466-6	WG-12616-032414-DN-42	Water	03/24/14 15:50	03/27/14 09:15
240-35466-7	WG-12616-032414-DN-43	Water	03/24/14 17:10	03/27/14 09:15
240-35466-8	WG-12616-032414-DN-44	Water	03/24/14 18:15	03/27/14 09:15
240-35466-9	WG-12616-032514-DN-45	Water	03/25/14 08:25	03/27/14 09:15
240-35466-10	WG-12616-032514-DN-46	Water	03/25/14 09:45	03/27/14 09:15
240-35466-11	WG-12616-032514-DN-47	Water	03/25/14 13:15	03/27/14 09:15
240-35466-12	WG-12616-032514-DN-48	Water	03/25/14 14:30	03/27/14 09:15
240-35466-13	WG-12616-032514-DN-49	Water	03/25/14 15:40	03/27/14 09:15
240-35466-14	WG-12616-032514-DN-50	Water	03/25/14 16:40	03/27/14 09:15
240-35466-15	WG-12616-032514-DN-51	Water	03/25/14 17:40	03/27/14 09:15
240-35466-16	WG-12616-032514-DN-52	Water	03/25/14 18:05	03/27/14 09:15
240-35466-17	WG-12616-032514-DN-53	Water	03/25/14 18:40	03/27/14 09:15
240-35466-18	WG-12616-032614-DN-54	Water	03/26/14 08:15	03/27/14 09:15
240-35466-19	WG-12616-032614-DN-55	Water	03/26/14 09:20	03/27/14 09:15
240-35466-20	WG-12616-032614-DN-56	Water	03/26/14 14:00	03/27/14 09:15
240-35466-21	WG-12616-032614-DN-57	Water	03/26/14 15:15	03/27/14 09:15
240-35466-22	WG-12616-032614-DN-58	Water	03/26/14 16:35	03/27/14 09:15
240-35466-23	WG-12616-032614-DN-59	Water	03/26/14 17:40	03/27/14 09:15
240-35466-24	TB-002	Water	03/24/14 00:00	03/27/14 09:15
240-35466-25	RB-12616-032614-DN-60	Water	03/26/14 17:50	03/27/14 09:15

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-37 — Lab Sample ID: 240-35466-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.7	J	10	1.1	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.25	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-38 — Lab Sample ID: 240-35466-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	2.9	J	14	2.7	ug/L	14.28		8260B	Total/NA
Trichloroethene	410		14	2.4	ug/L	14.28		8260B	Total/NA
Vinyl chloride	74		14	3.1	ug/L	14.28		8260B	Total/NA
cis-1,2-Dichloroethene	360		14	2.4	ug/L	14.28		8260B	Total/NA
trans-1,2-Dichloroethene	170		14	2.7	ug/L	14.28		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-39 — Lab Sample ID: 240-35466-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.30	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.6		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-40 — Lab Sample ID: 240-35466-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-41 — Lab Sample ID: 240-35466-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.0	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-42 — Lab Sample ID: 240-35466-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-43 — Lab Sample ID: 240-35466-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032414-DN-44 — Lab Sample ID: 240-35466-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.46	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-45 — Lab Sample ID: 240-35466-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.6	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-46 — Lab Sample ID: 240-35466-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.37	J	1.7	0.37	ug/L	1.67		8260B	Total/NA
cis-1,2-Dichloroethene	81	E	1.7	0.28	ug/L	1.67		8260B	Total/NA
trans-1,2-Dichloroethene	5.0		1.7	0.32	ug/L	1.67		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-47 — Lab Sample ID: 240-35466-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.15	J B	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-48 — Lab Sample ID: 240-35466-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-49 — Lab Sample ID: 240-35466-13

No Detections.

Client Sample ID: WG-12616-032514-DN-50 — Lab Sample ID: 240-35466-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-51 — Lab Sample ID: 240-35466-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.7	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-52 — Lab Sample ID: 240-35466-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032514-DN-53 — Lab Sample ID: 240-35466-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032614-DN-54 — Lab Sample ID: 240-35466-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-032614-DN-55 — Lab Sample ID: 240-35466-19

No Detections.

Client Sample ID: WG-12616-032614-DN-56 — Lab Sample ID: 240-35466-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (MIBK)	1.2	J	33	1.1	ug/L	3.33		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-032614-DN-56 (Continued) — Lab Sample ID: 240-35466-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	61		3.3	0.57	ug/L	3.33		8260B	Total/NA
Vinyl chloride	95		3.3	0.73	ug/L	3.33		8260B	Total/NA
cis-1,2-Dichloroethene	87		3.3	0.57	ug/L	3.33		8260B	Total/NA
trans-1,2-Dichloroethene	17		3.3	0.63	ug/L	3.33		8260B	Total/NA

Client Sample ID: WG-12616-032614-DN-57 — Lab Sample ID: 240-35466-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.7	J	4.0	0.60	ug/L	4		8260B	Total/NA
Trichloroethene	6.3		4.0	0.68	ug/L	4		8260B	Total/NA
Vinyl chloride	12		4.0	0.88	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	100		4.0	0.68	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	49		4.0	0.76	ug/L	4		8260B	Total/NA

Client Sample ID: WG-12616-032614-DN-58 — Lab Sample ID: 240-35466-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.4	J	7.1	2.4	ug/L	7.14		8260B	Total/NA
Vinyl chloride	240		7.1	1.6	ug/L	7.14		8260B	Total/NA
cis-1,2-Dichloroethene	86		7.1	1.2	ug/L	7.14		8260B	Total/NA
trans-1,2-Dichloroethene	14		7.1	1.4	ug/L	7.14		8260B	Total/NA

Client Sample ID: WG-12616-032614-DN-59 — Lab Sample ID: 240-35466-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
Vinyl chloride	0.54	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.66	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: TB-002 — Lab Sample ID: 240-35466-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.53	J	1.0	0.33	ug/L	1		8260B	Total/NA

Client Sample ID: RB-12616-032614-DN-60 — Lab Sample ID: 240-35466-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	27		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	2.9	J	10	0.57	ug/L	1		8260B	Total/NA
Toluene	0.33	J	1.0	0.13	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-37
Date Collected: 03/24/14 09:00
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**2.7**	**J**	10	1.1	ug/L			04/01/14 15:51	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 15:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 15:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 15:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 15:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 15:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 15:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 15:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 15:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 15:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 15:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 15:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 15:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 15:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 15:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 15:51	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 15:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 15:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 15:51	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 15:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 15:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 15:51	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 15:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 15:51	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 15:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 15:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 15:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 15:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 15:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 15:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 15:51	1
cis-1,2-Dichloroethene	**0.25**	**J**	1.0	0.17	ug/L			04/01/14 15:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 15:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 15:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 15:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 15:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 15:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 15:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 15:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 15:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 15:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-37
Date Collected: 03/24/14 09:00
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		04/01/14 15:51	1
4-Bromofluorobenzene (Surr)	90		66 - 120		04/01/14 15:51	1
Toluene-d8 (Surr)	84		74 - 120		04/01/14 15:51	1
Dibromofluoromethane (Surr)	93		75 - 121		04/01/14 15:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-38
Date Collected: 03/24/14 10:25
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	140	U	140	16	ug/L			04/01/14 16:13	14.28
Benzene	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
Dichlorobromomethane	14	U	14	2.1	ug/L			04/01/14 16:13	14.28
Bromoform	14	U	14	9.1	ug/L			04/01/14 16:13	14.28
Bromomethane	14	U	14	5.9	ug/L			04/01/14 16:13	14.28
2-Butanone (MEK)	140	U	140	8.1	ug/L			04/01/14 16:13	14.28
Carbon disulfide	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
Carbon tetrachloride	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
Chlorobenzene	14	U	14	2.1	ug/L			04/01/14 16:13	14.28
Chloroethane	14	U	14	4.1	ug/L			04/01/14 16:13	14.28
Chloroform	14	U	14	2.3	ug/L			04/01/14 16:13	14.28
Chloromethane	14	U	14	4.3	ug/L			04/01/14 16:13	14.28
1,1-Dichloroethane	14	U	14	2.1	ug/L			04/01/14 16:13	14.28
1,2-Dichloroethane	14	U	14	3.1	ug/L			04/01/14 16:13	14.28
1,1-Dichloroethene	**2.9**	**J**	14	2.7	ug/L			04/01/14 16:13	14.28
1,2-Dichloropropane	14	U	14	2.6	ug/L			04/01/14 16:13	14.28
cis-1,3-Dichloropropene	14	U	14	2.0	ug/L			04/01/14 16:13	14.28
trans-1,3-Dichloropropene	14	U	14	2.7	ug/L			04/01/14 16:13	14.28
Ethylbenzene	14	U	14	2.4	ug/L			04/01/14 16:13	14.28
2-Hexanone	140	U	140	5.9	ug/L			04/01/14 16:13	14.28
Methylene Chloride	14	U	14	4.7	ug/L			04/01/14 16:13	14.28
4-Methyl-2-pentanone (MIBK)	140	U	140	4.6	ug/L			04/01/14 16:13	14.28
Styrene	14	U	14	1.6	ug/L			04/01/14 16:13	14.28
1,1,2,2-Tetrachloroethane	14	U	14	2.6	ug/L			04/01/14 16:13	14.28
Tetrachloroethene	14	U	14	4.1	ug/L			04/01/14 16:13	14.28
Toluene	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
Trichloroethene	**410**		14	2.4	ug/L			04/01/14 16:13	14.28
Vinyl chloride	**74**		14	3.1	ug/L			04/01/14 16:13	14.28
Xylenes, Total	29	U	29	2.0	ug/L			04/01/14 16:13	14.28
1,1,1-Trichloroethane	14	U	14	3.1	ug/L			04/01/14 16:13	14.28
1,1,2-Trichloroethane	14	U	14	3.9	ug/L			04/01/14 16:13	14.28
Cyclohexane	14	U	14	1.7	ug/L			04/01/14 16:13	14.28
1,2-Dibromo-3-Chloropropane	29	U	29	9.6	ug/L			04/01/14 16:13	14.28
Ethylene Dibromide	14	U	14	3.4	ug/L			04/01/14 16:13	14.28
Dichlorodifluoromethane	14	U	14	4.4	ug/L			04/01/14 16:13	14.28
cis-1,2-Dichloroethene	**360**		14	2.4	ug/L			04/01/14 16:13	14.28
trans-1,2-Dichloroethene	**170**		14	2.7	ug/L			04/01/14 16:13	14.28
Isopropylbenzene	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
Methyl acetate	140	U	140	5.4	ug/L			04/01/14 16:13	14.28
Methyl tert-butyl ether	14	U	14	2.4	ug/L			04/01/14 16:13	14.28
1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	14	4.0	ug/L			04/01/14 16:13	14.28
1,2,4-Trichlorobenzene	14	U	14	2.1	ug/L			04/01/14 16:13	14.28
1,2-Dichlorobenzene	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
1,3-Dichlorobenzene	14	U	14	2.0	ug/L			04/01/14 16:13	14.28
1,4-Dichlorobenzene	14	U	14	1.9	ug/L			04/01/14 16:13	14.28
Trichlorofluoromethane	14	U	14	3.0	ug/L			04/01/14 16:13	14.28
Chlorodibromomethane	14	U	14	2.6	ug/L			04/01/14 16:13	14.28
Methylcyclohexane	14	U	14	1.9	ug/L			04/01/14 16:13	14.28

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-38
Date Collected: 03/24/14 10:25
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		04/01/14 16:13	14.28
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 16:13	14.28
Toluene-d8 (Surr)	86		74 - 120		04/01/14 16:13	14.28
Dibromofluoromethane (Surr)	91		75 - 121		04/01/14 16:13	14.28

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-39
Date Collected: 03/24/14 11:45
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.8**	**J**	10	1.1	ug/L			04/01/14 16:36	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 16:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 16:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 16:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 16:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 16:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 16:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 16:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 16:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 16:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 16:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 16:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 16:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 16:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 16:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 16:36	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 16:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 16:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 16:36	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 16:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 16:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 16:36	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 16:36	1
Vinyl chloride	**0.30**	**J**	1.0	0.22	ug/L			04/01/14 16:36	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 16:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 16:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 16:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 16:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 16:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 16:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 16:36	1
cis-1,2-Dichloroethene	**2.6**		1.0	0.17	ug/L			04/01/14 16:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 16:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 16:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 16:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 16:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 16:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 16:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 16:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 16:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 16:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-39
Date Collected: 03/24/14 11:45
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/01/14 16:36	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 16:36	1
Toluene-d8 (Surr)	86		74 - 120		04/01/14 16:36	1
Dibromofluoromethane (Surr)	91		75 - 121		04/01/14 16:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-40
Date Collected: 03/24/14 13:10
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.5	J	10	1.1	ug/L			04/01/14 16:59	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 16:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 16:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 16:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 16:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 16:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 16:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 16:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 16:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 16:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 16:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 16:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 16:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 16:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 16:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 16:59	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 16:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 16:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 16:59	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 16:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 16:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 16:59	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 16:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 16:59	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 16:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 16:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 16:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 16:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 16:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 16:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 16:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 16:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 16:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 16:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 16:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 16:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 16:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 16:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 16:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 16:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-40
Date Collected: 03/24/14 13:10
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		04/01/14 16:59	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 16:59	1
Toluene-d8 (Surr)	85		74 - 120		04/01/14 16:59	1
Dibromofluoromethane (Surr)	91		75 - 121		04/01/14 16:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-41
Date Collected: 03/24/14 14:10
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.0	J	10	1.1	ug/L			04/01/14 17:21	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 17:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 17:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 17:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 17:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 17:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 17:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 17:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 17:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 17:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 17:21	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 17:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 17:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 17:21	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 17:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 17:21	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 17:21	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 17:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 17:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 17:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 17:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 17:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 17:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 17:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 17:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 17:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 17:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 17:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-41
Lab Sample ID: 240-35466-5
Date Collected: 03/24/14 14:10
Matrix: Water
Date Received: 03/27/14 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		04/01/14 17:21	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 17:21	1
Toluene-d8 (Surr)	84		74 - 120		04/01/14 17:21	1
Dibromofluoromethane (Surr)	93		75 - 121		04/01/14 17:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-42
Date Collected: 03/24/14 15:50
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.5	J	10	1.1	ug/L			04/01/14 20:01	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 20:01	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 20:01	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 20:01	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 20:01	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 20:01	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 20:01	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 20:01	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 20:01	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 20:01	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 20:01	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 20:01	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 20:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 20:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 20:01	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 20:01	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 20:01	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 20:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 20:01	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 20:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 20:01	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 20:01	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 20:01	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 20:01	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 20:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 20:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 20:01	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 20:01	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 20:01	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 20:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 20:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 20:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 20:01	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 20:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 20:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 20:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 20:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 20:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 20:01	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 20:01	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 20:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-42
Date Collected: 03/24/14 15:50
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/01/14 20:01	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 20:01	1
Toluene-d8 (Surr)	86		74 - 120		04/01/14 20:01	1
Dibromofluoromethane (Surr)	93		75 - 121		04/01/14 20:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-43
Date Collected: 03/24/14 17:10
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/02/14 13:14	1
Benzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/02/14 13:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/02/14 13:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/02/14 13:14	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/02/14 13:14	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 13:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/02/14 13:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/02/14 13:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/02/14 13:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/02/14 13:14	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 13:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 13:14	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/02/14 13:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/02/14 13:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/02/14 13:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/02/14 13:14	1
2-Hexanone	10	U	10	0.41	ug/L			04/02/14 13:14	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/02/14 13:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/02/14 13:14	1
Styrene	1.0	U	1.0	0.11	ug/L			04/02/14 13:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/02/14 13:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/02/14 13:14	1
Toluene	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 13:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/02/14 13:14	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/02/14 13:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 13:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/02/14 13:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/02/14 13:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/02/14 13:14	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/02/14 13:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/02/14 13:14	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.17	ug/L			04/02/14 13:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 13:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
Methyl acetate	10	U	10	0.38	ug/L			04/02/14 13:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/02/14 13:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/02/14 13:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 13:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/02/14 13:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/02/14 13:14	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/02/14 13:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/02/14 13:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-43
Date Collected: 03/24/14 17:10
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		04/02/14 13:14	1
4-Bromofluorobenzene (Surr)	88		66 - 120		04/02/14 13:14	1
Toluene-d8 (Surr)	83		74 - 120		04/02/14 13:14	1
Dibromofluoromethane (Surr)	93		75 - 121		04/02/14 13:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-44
Date Collected: 03/24/14 18:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.1**	**J**	10	1.1	ug/L			04/02/14 13:36	1
Benzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/02/14 13:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/02/14 13:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/02/14 13:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/02/14 13:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 13:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/02/14 13:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/02/14 13:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/02/14 13:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/02/14 13:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 13:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 13:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/02/14 13:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/02/14 13:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/02/14 13:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/02/14 13:36	1
2-Hexanone	10	U	10	0.41	ug/L			04/02/14 13:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/02/14 13:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/02/14 13:36	1
Styrene	1.0	U	1.0	0.11	ug/L			04/02/14 13:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/02/14 13:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/02/14 13:36	1
Toluene	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 13:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/02/14 13:36	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/02/14 13:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 13:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/02/14 13:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/02/14 13:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/02/14 13:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/02/14 13:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/02/14 13:36	1
cis-1,2-Dichloroethene	**0.46**	**J**	1.0	0.17	ug/L			04/02/14 13:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 13:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
Methyl acetate	10	U	10	0.38	ug/L			04/02/14 13:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/02/14 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/02/14 13:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 13:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/02/14 13:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/02/14 13:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/02/14 13:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/02/14 13:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032414-DN-44
Date Collected: 03/24/14 18:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		04/02/14 13:36	1
4-Bromofluorobenzene (Surr)	86		66 - 120		04/02/14 13:36	1
Toluene-d8 (Surr)	84		74 - 120		04/02/14 13:36	1
Dibromofluoromethane (Surr)	92		75 - 121		04/02/14 13:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-45
Date Collected: 03/25/14 08:25
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.6	J	10	1.1	ug/L			04/02/14 13:59	1
Benzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/02/14 13:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/02/14 13:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/02/14 13:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/02/14 13:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 13:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/02/14 13:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/02/14 13:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/02/14 13:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/02/14 13:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 13:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 13:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/02/14 13:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/02/14 13:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/02/14 13:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/02/14 13:59	1
2-Hexanone	10	U	10	0.41	ug/L			04/02/14 13:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/02/14 13:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/02/14 13:59	1
Styrene	1.0	U	1.0	0.11	ug/L			04/02/14 13:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/02/14 13:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/02/14 13:59	1
Toluene	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 13:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/02/14 13:59	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/02/14 13:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 13:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/02/14 13:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/02/14 13:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/02/14 13:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/02/14 13:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/02/14 13:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 13:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 13:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
Methyl acetate	10	U	10	0.38	ug/L			04/02/14 13:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/02/14 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/02/14 13:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 13:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/02/14 13:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/02/14 13:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/02/14 13:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/02/14 13:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-45
Lab Sample ID: 240-35466-9
Date Collected: 03/25/14 08:25
Matrix: Water
Date Received: 03/27/14 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		04/02/14 13:59	1
4-Bromofluorobenzene (Surr)	90		66 - 120		04/02/14 13:59	1
Toluene-d8 (Surr)	84		74 - 120		04/02/14 13:59	1
Dibromofluoromethane (Surr)	93		75 - 121		04/02/14 13:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-46
Date Collected: 03/25/14 09:45
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	1.8	ug/L			04/02/14 14:21	1.67
Benzene	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			04/02/14 14:21	1.67
Bromoform	1.7	U	1.7	1.1	ug/L			04/02/14 14:21	1.67
Bromomethane	1.7	U	1.7	0.68	ug/L			04/02/14 14:21	1.67
2-Butanone (MEK)	17	U	17	0.95	ug/L			04/02/14 14:21	1.67
Carbon disulfide	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
Chlorobenzene	1.7	U	1.7	0.25	ug/L			04/02/14 14:21	1.67
Chloroethane	1.7	U	1.7	0.48	ug/L			04/02/14 14:21	1.67
Chloroform	1.7	U	1.7	0.27	ug/L			04/02/14 14:21	1.67
Chloromethane	1.7	U	1.7	0.50	ug/L			04/02/14 14:21	1.67
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			04/02/14 14:21	1.67
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			04/02/14 14:21	1.67
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			04/02/14 14:21	1.67
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			04/02/14 14:21	1.67
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			04/02/14 14:21	1.67
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			04/02/14 14:21	1.67
Ethylbenzene	1.7	U	1.7	0.28	ug/L			04/02/14 14:21	1.67
2-Hexanone	17	U	17	0.68	ug/L			04/02/14 14:21	1.67
Methylene Chloride	1.7	U	1.7	0.55	ug/L			04/02/14 14:21	1.67
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			04/02/14 14:21	1.67
Styrene	1.7	U	1.7	0.18	ug/L			04/02/14 14:21	1.67
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			04/02/14 14:21	1.67
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			04/02/14 14:21	1.67
Toluene	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
Trichloroethene	1.7	U	1.7	0.28	ug/L			04/02/14 14:21	1.67
Vinyl chloride	**0.37**	**J**	1.7	0.37	ug/L			04/02/14 14:21	1.67
Xylenes, Total	3.3	U	3.3	0.23	ug/L			04/02/14 14:21	1.67
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			04/02/14 14:21	1.67
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			04/02/14 14:21	1.67
Cyclohexane	1.7	U	1.7	0.20	ug/L			04/02/14 14:21	1.67
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			04/02/14 14:21	1.67
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			04/02/14 14:21	1.67
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			04/02/14 14:21	1.67
cis-1,2-Dichloroethene	**81**	**E**	1.7	0.28	ug/L			04/02/14 14:21	1.67
trans-1,2-Dichloroethene	**5.0**		1.7	0.32	ug/L			04/02/14 14:21	1.67
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
Methyl acetate	17	U	17	0.63	ug/L			04/02/14 14:21	1.67
Methyl tert-butyl ether	1.7	U	1.7	0.28	ug/L			04/02/14 14:21	1.67
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			04/02/14 14:21	1.67
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			04/02/14 14:21	1.67
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			04/02/14 14:21	1.67
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			04/02/14 14:21	1.67
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			04/02/14 14:21	1.67
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			04/02/14 14:21	1.67

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-46
Date Collected: 03/25/14 09:45
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		04/02/14 14:21	1.67
4-Bromofluorobenzene (Surr)	90		66 - 120		04/02/14 14:21	1.67
Toluene-d8 (Surr)	85		74 - 120		04/02/14 14:21	1.67
Dibromofluoromethane (Surr)	91		75 - 121		04/02/14 14:21	1.67

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-47
Date Collected: 03/25/14 13:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 20:36	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 20:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 20:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 20:36	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 20:36	1
Carbon disulfide	**0.15**	**J B**	1.0	0.13	ug/L			04/01/14 20:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 20:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 20:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 20:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 20:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 20:36	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 20:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 20:36	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 20:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 20:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 20:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 20:36	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 20:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 20:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 20:36	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 20:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 20:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 20:36	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 20:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 20:36	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 20:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 20:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 20:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 20:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 20:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 20:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 20:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 20:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 20:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 20:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 20:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 20:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 20:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 20:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 20:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 20:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 20:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-47
Date Collected: 03/25/14 13:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	77		63 - 129		04/01/14 20:36	1
4-Bromofluorobenzene (Surr)	86		66 - 120		04/01/14 20:36	1
Toluene-d8 (Surr)	94		74 - 120		04/01/14 20:36	1
Dibromofluoromethane (Surr)	89		75 - 121		04/01/14 20:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-48
Date Collected: 03/25/14 14:30
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.5	J	10	1.1	ug/L			04/02/14 14:44	1
Benzene	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/02/14 14:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/02/14 14:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/02/14 14:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/02/14 14:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 14:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/02/14 14:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/02/14 14:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/02/14 14:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/02/14 14:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 14:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 14:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/02/14 14:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/02/14 14:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/02/14 14:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/02/14 14:44	1
2-Hexanone	10	U	10	0.41	ug/L			04/02/14 14:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/02/14 14:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/02/14 14:44	1
Styrene	1.0	U	1.0	0.11	ug/L			04/02/14 14:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/02/14 14:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/02/14 14:44	1
Toluene	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 14:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/02/14 14:44	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/02/14 14:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 14:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/02/14 14:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/02/14 14:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/02/14 14:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/02/14 14:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/02/14 14:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 14:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 14:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
Methyl acetate	10	U	10	0.38	ug/L			04/02/14 14:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/02/14 14:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/02/14 14:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 14:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/02/14 14:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/02/14 14:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/02/14 14:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/02/14 14:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-48
Date Collected: 03/25/14 14:30
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		04/02/14 14:44	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/02/14 14:44	1
Toluene-d8 (Surr)	84		74 - 120		04/02/14 14:44	1
Dibromofluoromethane (Surr)	91		75 - 121		04/02/14 14:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-49
Date Collected: 03/25/14 15:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 17:44	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 17:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 17:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 17:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 17:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 17:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 17:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 17:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 17:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 17:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 17:44	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 17:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 17:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 17:44	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 17:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 17:44	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 17:44	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 17:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 17:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 17:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 17:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 17:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 17:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 17:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 17:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 17:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 17:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 17:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 17:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-49
Date Collected: 03/25/14 15:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/01/14 17:44	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 17:44	1
Toluene-d8 (Surr)	84		74 - 120		04/01/14 17:44	1
Dibromofluoromethane (Surr)	94		75 - 121		04/01/14 17:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-50
Date Collected: 03/25/14 16:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			04/01/14 18:07	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 18:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 18:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 18:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 18:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 18:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 18:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 18:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 18:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 18:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 18:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 18:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 18:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 18:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 18:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 18:07	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 18:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 18:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 18:07	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 18:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 18:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 18:07	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 18:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 18:07	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 18:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 18:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 18:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 18:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 18:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 18:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 18:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 18:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 18:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 18:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 18:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 18:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 18:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 18:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 18:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 18:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 18:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-50
Date Collected: 03/25/14 16:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		04/01/14 18:07	1
4-Bromofluorobenzene (Surr)	88		66 - 120		04/01/14 18:07	1
Toluene-d8 (Surr)	82		74 - 120		04/01/14 18:07	1
Dibromofluoromethane (Surr)	93		75 - 121		04/01/14 18:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-51
Date Collected: 03/25/14 17:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.7	J	10	1.1	ug/L			04/01/14 18:30	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 18:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 18:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 18:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 18:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 18:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 18:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 18:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 18:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 18:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 18:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 18:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 18:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 18:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 18:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 18:30	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 18:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 18:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 18:30	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 18:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 18:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 18:30	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 18:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 18:30	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 18:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 18:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 18:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 18:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 18:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 18:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 18:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 18:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 18:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 18:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 18:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 18:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 18:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 18:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 18:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 18:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-51
Date Collected: 03/25/14 17:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		04/01/14 18:30	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 18:30	1
Toluene-d8 (Surr)	85		74 - 120		04/01/14 18:30	1
Dibromofluoromethane (Surr)	94		75 - 121		04/01/14 18:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-52
Date Collected: 03/25/14 18:05
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.3	J	10	1.1	ug/L			04/01/14 18:53	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 18:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 18:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 18:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 18:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 18:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 18:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 18:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 18:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 18:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 18:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 18:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 18:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 18:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 18:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 18:53	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 18:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 18:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 18:53	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 18:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 18:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 18:53	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 18:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 18:53	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 18:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 18:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 18:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 18:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 18:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 18:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 18:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 18:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 18:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 18:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 18:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 18:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 18:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 18:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 18:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 18:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-52
Date Collected: 03/25/14 18:05
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		04/01/14 18:53	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 18:53	1
Toluene-d8 (Surr)	84		74 - 120		04/01/14 18:53	1
Dibromofluoromethane (Surr)	96		75 - 121		04/01/14 18:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-53
Date Collected: 03/25/14 18:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			04/01/14 19:15	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 19:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 19:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 19:15	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 19:15	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 19:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 19:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 19:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 19:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 19:15	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 19:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 19:15	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 19:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 19:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 19:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 19:15	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 19:15	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 19:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 19:15	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 19:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 19:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 19:15	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 19:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 19:15	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 19:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 19:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 19:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 19:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 19:15	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 19:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 19:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 19:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 19:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 19:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 19:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 19:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 19:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 19:15	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 19:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 19:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032514-DN-53
Date Collected: 03/25/14 18:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		04/01/14 19:15	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 19:15	1
Toluene-d8 (Surr)	85		74 - 120		04/01/14 19:15	1
Dibromofluoromethane (Surr)	93		75 - 121		04/01/14 19:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-54
Date Collected: 03/26/14 08:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.0	J	10	1.1	ug/L			04/01/14 19:38	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 19:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 19:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 19:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 19:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 19:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 19:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 19:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 19:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 19:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 19:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 19:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 19:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 19:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 19:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 19:38	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 19:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 19:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 19:38	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 19:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 19:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 19:38	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 19:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 19:38	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 19:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 19:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 19:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 19:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 19:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 19:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 19:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 19:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 19:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 19:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 19:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 19:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 19:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 19:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 19:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 19:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-54
Date Collected: 03/26/14 08:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		04/01/14 19:38	1
4-Bromofluorobenzene (Surr)	88		66 - 120		04/01/14 19:38	1
Toluene-d8 (Surr)	85		74 - 120		04/01/14 19:38	1
Dibromofluoromethane (Surr)	92		75 - 121		04/01/14 19:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-55
Date Collected: 03/26/14 09:20
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 15:37	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 15:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 15:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 15:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 15:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 15:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 15:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 15:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 15:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 15:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 15:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 15:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 15:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 15:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 15:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 15:37	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 15:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 15:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 15:37	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 15:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 15:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 15:37	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 15:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 15:37	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 15:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 15:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 15:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 15:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 15:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 15:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 15:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 15:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 15:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 15:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 15:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 15:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 15:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 15:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 15:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 15:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-55
Date Collected: 03/26/14 09:20
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		04/01/14 15:37	1
4-Bromofluorobenzene (Surr)	85		66 - 120		04/01/14 15:37	1
Toluene-d8 (Surr)	86		74 - 120		04/01/14 15:37	1
Dibromofluoromethane (Surr)	88		75 - 121		04/01/14 15:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-56
Date Collected: 03/26/14 14:00
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	33	U	33	3.7	ug/L			04/01/14 15:59	3.33
Benzene	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
Dichlorobromomethane	3.3	U	3.3	0.50	ug/L			04/01/14 15:59	3.33
Bromoform	3.3	U	3.3	2.1	ug/L			04/01/14 15:59	3.33
Bromomethane	3.3	U	3.3	1.4	ug/L			04/01/14 15:59	3.33
2-Butanone (MEK)	33	U	33	1.9	ug/L			04/01/14 15:59	3.33
Carbon disulfide	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
Carbon tetrachloride	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
Chlorobenzene	3.3	U	3.3	0.50	ug/L			04/01/14 15:59	3.33
Chloroethane	3.3	U	3.3	0.97	ug/L			04/01/14 15:59	3.33
Chloroform	3.3	U	3.3	0.53	ug/L			04/01/14 15:59	3.33
Chloromethane	3.3	U	3.3	1.0	ug/L			04/01/14 15:59	3.33
1,1-Dichloroethane	3.3	U	3.3	0.50	ug/L			04/01/14 15:59	3.33
1,2-Dichloroethane	3.3	U	3.3	0.73	ug/L			04/01/14 15:59	3.33
1,1-Dichloroethene	3.3	U	3.3	0.63	ug/L			04/01/14 15:59	3.33
1,2-Dichloropropane	3.3	U	3.3	0.60	ug/L			04/01/14 15:59	3.33
cis-1,3-Dichloropropene	3.3	U	3.3	0.47	ug/L			04/01/14 15:59	3.33
trans-1,3-Dichloropropene	3.3	U	3.3	0.63	ug/L			04/01/14 15:59	3.33
Ethylbenzene	3.3	U	3.3	0.57	ug/L			04/01/14 15:59	3.33
2-Hexanone	33	U	33	1.4	ug/L			04/01/14 15:59	3.33
Methylene Chloride	3.3	U	3.3	1.1	ug/L			04/01/14 15:59	3.33
4-Methyl-2-pentanone (MIBK)	**1.2**	**J**	33	1.1	ug/L			04/01/14 15:59	3.33
Styrene	3.3	U	3.3	0.37	ug/L			04/01/14 15:59	3.33
1,1,2,2-Tetrachloroethane	3.3	U	3.3	0.60	ug/L			04/01/14 15:59	3.33
Tetrachloroethene	3.3	U	3.3	0.97	ug/L			04/01/14 15:59	3.33
Toluene	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
Trichloroethene	**61**		3.3	0.57	ug/L			04/01/14 15:59	3.33
Vinyl chloride	**95**		3.3	0.73	ug/L			04/01/14 15:59	3.33
Xylenes, Total	6.7	U	6.7	0.47	ug/L			04/01/14 15:59	3.33
1,1,1-Trichloroethane	3.3	U	3.3	0.73	ug/L			04/01/14 15:59	3.33
1,1,2-Trichloroethane	3.3	U	3.3	0.90	ug/L			04/01/14 15:59	3.33
Cyclohexane	3.3	U	3.3	0.40	ug/L			04/01/14 15:59	3.33
1,2-Dibromo-3-Chloropropane	6.7	U	6.7	2.2	ug/L			04/01/14 15:59	3.33
Ethylene Dibromide	3.3	U	3.3	0.80	ug/L			04/01/14 15:59	3.33
Dichlorodifluoromethane	3.3	U	3.3	1.0	ug/L			04/01/14 15:59	3.33
cis-1,2-Dichloroethene	**87**		3.3	0.57	ug/L			04/01/14 15:59	3.33
trans-1,2-Dichloroethene	**17**		3.3	0.63	ug/L			04/01/14 15:59	3.33
Isopropylbenzene	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
Methyl acetate	33	U	33	1.3	ug/L			04/01/14 15:59	3.33
Methyl tert-butyl ether	3.3	U	3.3	0.57	ug/L			04/01/14 15:59	3.33
1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	U	3.3	0.93	ug/L			04/01/14 15:59	3.33
1,2,4-Trichlorobenzene	3.3	U	3.3	0.50	ug/L			04/01/14 15:59	3.33
1,2-Dichlorobenzene	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
1,3-Dichlorobenzene	3.3	U	3.3	0.47	ug/L			04/01/14 15:59	3.33
1,4-Dichlorobenzene	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33
Trichlorofluoromethane	3.3	U	3.3	0.70	ug/L			04/01/14 15:59	3.33
Chlorodibromomethane	3.3	U	3.3	0.60	ug/L			04/01/14 15:59	3.33
Methylcyclohexane	3.3	U	3.3	0.43	ug/L			04/01/14 15:59	3.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-56
Date Collected: 03/26/14 14:00
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		04/01/14 15:59	3.33
4-Bromofluorobenzene (Surr)	88		66 - 120		04/01/14 15:59	3.33
Toluene-d8 (Surr)	92		74 - 120		04/01/14 15:59	3.33
Dibromofluoromethane (Surr)	91		75 - 121		04/01/14 15:59	3.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-57
Date Collected: 03/26/14 15:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	40	U	40	4.4	ug/L			04/01/14 16:22	4
Benzene	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
Dichlorobromomethane	4.0	U	4.0	0.60	ug/L			04/01/14 16:22	4
Bromoform	4.0	U	4.0	2.6	ug/L			04/01/14 16:22	4
Bromomethane	4.0	U	4.0	1.6	ug/L			04/01/14 16:22	4
2-Butanone (MEK)	40	U	40	2.3	ug/L			04/01/14 16:22	4
Carbon disulfide	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
Carbon tetrachloride	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
Chlorobenzene	4.0	U	4.0	0.60	ug/L			04/01/14 16:22	4
Chloroethane	4.0	U	4.0	1.2	ug/L			04/01/14 16:22	4
Chloroform	4.0	U	4.0	0.64	ug/L			04/01/14 16:22	4
Chloromethane	4.0	U	4.0	1.2	ug/L			04/01/14 16:22	4
1,1-Dichloroethane	**2.7**	**J**	4.0	0.60	ug/L			04/01/14 16:22	4
1,2-Dichloroethane	4.0	U	4.0	0.88	ug/L			04/01/14 16:22	4
1,1-Dichloroethene	4.0	U	4.0	0.76	ug/L			04/01/14 16:22	4
1,2-Dichloropropane	4.0	U	4.0	0.72	ug/L			04/01/14 16:22	4
cis-1,3-Dichloropropene	4.0	U	4.0	0.56	ug/L			04/01/14 16:22	4
trans-1,3-Dichloropropene	4.0	U	4.0	0.76	ug/L			04/01/14 16:22	4
Ethylbenzene	4.0	U	4.0	0.68	ug/L			04/01/14 16:22	4
2-Hexanone	40	U	40	1.6	ug/L			04/01/14 16:22	4
Methylene Chloride	4.0	U	4.0	1.3	ug/L			04/01/14 16:22	4
4-Methyl-2-pentanone (MIBK)	40	U	40	1.3	ug/L			04/01/14 16:22	4
Styrene	4.0	U	4.0	0.44	ug/L			04/01/14 16:22	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.72	ug/L			04/01/14 16:22	4
Tetrachloroethene	4.0	U	4.0	1.2	ug/L			04/01/14 16:22	4
Toluene	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
Trichloroethene	**6.3**		4.0	0.68	ug/L			04/01/14 16:22	4
Vinyl chloride	**12**		4.0	0.88	ug/L			04/01/14 16:22	4
Xylenes, Total	8.0	U	8.0	0.56	ug/L			04/01/14 16:22	4
1,1,1-Trichloroethane	4.0	U	4.0	0.88	ug/L			04/01/14 16:22	4
1,1,2-Trichloroethane	4.0	U	4.0	1.1	ug/L			04/01/14 16:22	4
Cyclohexane	4.0	U	4.0	0.48	ug/L			04/01/14 16:22	4
1,2-Dibromo-3-Chloropropane	8.0	U	8.0	2.7	ug/L			04/01/14 16:22	4
Ethylene Dibromide	4.0	U	4.0	0.96	ug/L			04/01/14 16:22	4
Dichlorodifluoromethane	4.0	U	4.0	1.2	ug/L			04/01/14 16:22	4
cis-1,2-Dichloroethene	**100**		4.0	0.68	ug/L			04/01/14 16:22	4
trans-1,2-Dichloroethene	**49**		4.0	0.76	ug/L			04/01/14 16:22	4
Isopropylbenzene	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
Methyl acetate	40	U	40	1.5	ug/L			04/01/14 16:22	4
Methyl tert-butyl ether	4.0	U	4.0	0.68	ug/L			04/01/14 16:22	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.1	ug/L			04/01/14 16:22	4
1,2,4-Trichlorobenzene	4.0	U	4.0	0.60	ug/L			04/01/14 16:22	4
1,2-Dichlorobenzene	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
1,3-Dichlorobenzene	4.0	U	4.0	0.56	ug/L			04/01/14 16:22	4
1,4-Dichlorobenzene	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4
Trichlorofluoromethane	4.0	U	4.0	0.84	ug/L			04/01/14 16:22	4
Chlorodibromomethane	4.0	U	4.0	0.72	ug/L			04/01/14 16:22	4
Methylcyclohexane	4.0	U	4.0	0.52	ug/L			04/01/14 16:22	4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-57
Date Collected: 03/26/14 15:15
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		04/01/14 16:22	4
4-Bromofluorobenzene (Surr)	90		66 - 120		04/01/14 16:22	4
Toluene-d8 (Surr)	92		74 - 120		04/01/14 16:22	4
Dibromofluoromethane (Surr)	91		75 - 121		04/01/14 16:22	4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-58
Date Collected: 03/26/14 16:35
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	71	U	71	7.9	ug/L			04/01/14 16:45	7.14
Benzene	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
Dichlorobromomethane	7.1	U	7.1	1.1	ug/L			04/01/14 16:45	7.14
Bromoform	7.1	U	7.1	4.6	ug/L			04/01/14 16:45	7.14
Bromomethane	7.1	U	7.1	2.9	ug/L			04/01/14 16:45	7.14
2-Butanone (MEK)	71	U	71	4.1	ug/L			04/01/14 16:45	7.14
Carbon disulfide	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
Carbon tetrachloride	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
Chlorobenzene	7.1	U	7.1	1.1	ug/L			04/01/14 16:45	7.14
Chloroethane	7.1	U	7.1	2.1	ug/L			04/01/14 16:45	7.14
Chloroform	7.1	U	7.1	1.1	ug/L			04/01/14 16:45	7.14
Chloromethane	7.1	U	7.1	2.1	ug/L			04/01/14 16:45	7.14
1,1-Dichloroethane	7.1	U	7.1	1.1	ug/L			04/01/14 16:45	7.14
1,2-Dichloroethane	7.1	U	7.1	1.6	ug/L			04/01/14 16:45	7.14
1,1-Dichloroethene	7.1	U	7.1	1.4	ug/L			04/01/14 16:45	7.14
1,2-Dichloropropane	7.1	U	7.1	1.3	ug/L			04/01/14 16:45	7.14
cis-1,3-Dichloropropene	7.1	U	7.1	1.0	ug/L			04/01/14 16:45	7.14
trans-1,3-Dichloropropene	7.1	U	7.1	1.4	ug/L			04/01/14 16:45	7.14
Ethylbenzene	7.1	U	7.1	1.2	ug/L			04/01/14 16:45	7.14
2-Hexanone	71	U	71	2.9	ug/L			04/01/14 16:45	7.14
Methylene Chloride	**2.4**	**J**	7.1	2.4	ug/L			04/01/14 16:45	7.14
4-Methyl-2-pentanone (MIBK)	71	U	71	2.3	ug/L			04/01/14 16:45	7.14
Styrene	7.1	U	7.1	0.79	ug/L			04/01/14 16:45	7.14
1,1,2,2-Tetrachloroethane	7.1	U	7.1	1.3	ug/L			04/01/14 16:45	7.14
Tetrachloroethene	7.1	U	7.1	2.1	ug/L			04/01/14 16:45	7.14
Toluene	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
Trichloroethene	7.1	U	7.1	1.2	ug/L			04/01/14 16:45	7.14
Vinyl chloride	**240**		7.1	1.6	ug/L			04/01/14 16:45	7.14
Xylenes, Total	14	U	14	1.0	ug/L			04/01/14 16:45	7.14
1,1,1-Trichloroethane	7.1	U	7.1	1.6	ug/L			04/01/14 16:45	7.14
1,1,2-Trichloroethane	7.1	U	7.1	1.9	ug/L			04/01/14 16:45	7.14
Cyclohexane	7.1	U	7.1	0.86	ug/L			04/01/14 16:45	7.14
1,2-Dibromo-3-Chloropropane	14	U	14	4.8	ug/L			04/01/14 16:45	7.14
Ethylene Dibromide	7.1	U	7.1	1.7	ug/L			04/01/14 16:45	7.14
Dichlorodifluoromethane	7.1	U	7.1	2.2	ug/L			04/01/14 16:45	7.14
cis-1,2-Dichloroethene	**86**		7.1	1.2	ug/L			04/01/14 16:45	7.14
trans-1,2-Dichloroethene	**14**		7.1	1.4	ug/L			04/01/14 16:45	7.14
Isopropylbenzene	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
Methyl acetate	71	U	71	2.7	ug/L			04/01/14 16:45	7.14
Methyl tert-butyl ether	7.1	U	7.1	1.2	ug/L			04/01/14 16:45	7.14
1,1,2-Trichloro-1,2,2-trifluoroethane	7.1	U	7.1	2.0	ug/L			04/01/14 16:45	7.14
1,2,4-Trichlorobenzene	7.1	U	7.1	1.1	ug/L			04/01/14 16:45	7.14
1,2-Dichlorobenzene	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
1,3-Dichlorobenzene	7.1	U	7.1	1.0	ug/L			04/01/14 16:45	7.14
1,4-Dichlorobenzene	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14
Trichlorofluoromethane	7.1	U	7.1	1.5	ug/L			04/01/14 16:45	7.14
Chlorodibromomethane	7.1	U	7.1	1.3	ug/L			04/01/14 16:45	7.14
Methylcyclohexane	7.1	U	7.1	0.93	ug/L			04/01/14 16:45	7.14

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-58
Date Collected: 03/26/14 16:35
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		04/01/14 16:45	7.14
4-Bromofluorobenzene (Surr)	84		66 - 120		04/01/14 16:45	7.14
Toluene-d8 (Surr)	88		74 - 120		04/01/14 16:45	7.14
Dibromofluoromethane (Surr)	92		75 - 121		04/01/14 16:45	7.14

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-59
Date Collected: 03/26/14 17:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**1.1**	**J**	10	1.1	ug/L			04/01/14 17:07	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 17:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 17:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 17:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 17:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 17:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 17:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 17:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 17:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 17:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 17:07	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 17:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 17:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 17:07	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 17:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 17:07	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:07	1
Vinyl chloride	**0.54**	**J**	1.0	0.22	ug/L			04/01/14 17:07	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 17:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 17:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 17:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 17:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 17:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 17:07	1
cis-1,2-Dichloroethene	**0.66**	**J**	1.0	0.17	ug/L			04/01/14 17:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 17:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 17:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 17:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 17:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 17:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: WG-12616-032614-DN-59
Date Collected: 03/26/14 17:40
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		04/01/14 17:07	1
4-Bromofluorobenzene (Surr)	87		66 - 120		04/01/14 17:07	1
Toluene-d8 (Surr)	91		74 - 120		04/01/14 17:07	1
Dibromofluoromethane (Surr)	92		75 - 121		04/01/14 17:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: TB-002
Date Collected: 03/24/14 00:00
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 17:30	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 17:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 17:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 17:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 17:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 17:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 17:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 17:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 17:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 17:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 17:30	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 17:30	1
Methylene Chloride	**0.53**	**J**	1.0	0.33	ug/L			04/01/14 17:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 17:30	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 17:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 17:30	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 17:30	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 17:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 17:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 17:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 17:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 17:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 17:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 17:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 17:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 17:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 17:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 17:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: TB-002
Date Collected: 03/24/14 00:00
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		04/01/14 17:30	1
4-Bromofluorobenzene (Surr)	87		66 - 120		04/01/14 17:30	1
Toluene-d8 (Surr)	91		74 - 120		04/01/14 17:30	1
Dibromofluoromethane (Surr)	92		75 - 121		04/01/14 17:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: RB-12616-032614-DN-60
Date Collected: 03/26/14 17:50
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**27**		10	1.1	ug/L			04/01/14 17:53	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 17:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 17:53	1
2-Butanone (MEK)	**2.9**	**J**	10	0.57	ug/L			04/01/14 17:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 17:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 17:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 17:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 17:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 17:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 17:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 17:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 17:53	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 17:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 17:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 17:53	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 17:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 17:53	1
Toluene	**0.33**	**J**	1.0	0.13	ug/L			04/01/14 17:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 17:53	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 17:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 17:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 17:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 17:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 17:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 17:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 17:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 17:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 17:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 17:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 17:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 17:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 17:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 17:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 17:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 17:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 17:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: RB-12616-032614-DN-60
Date Collected: 03/26/14 17:50
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		04/01/14 17:53	1
4-Bromofluorobenzene (Surr)	89		66 - 120		04/01/14 17:53	1
Toluene-d8 (Surr)	91		74 - 120		04/01/14 17:53	1
Dibromofluoromethane (Surr)	91		75 - 121		04/01/14 17:53	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-120)	(74-120)	(75-121)
240-35466-1	WG-12616-032414-DN-37	100	90	84	93
240-35466-2	WG-12616-032414-DN-38	100	89	86	91
240-35466-3	WG-12616-032414-DN-39	101	89	86	91
240-35466-4	WG-12616-032414-DN-40	102	89	85	91
240-35466-5	WG-12616-032414-DN-41	100	89	84	93
240-35466-6	WG-12616-032414-DN-42	101	89	86	93
240-35466-6 MS	WG-12616-032414-DN-42	97	95	90	87
240-35466-6 MSD	WG-12616-032414-DN-42	94	97	91	87
240-35466-7	WG-12616-032414-DN-43	99	88	83	93
240-35466-8	WG-12616-032414-DN-44	97	86	84	92
240-35466-9	WG-12616-032514-DN-45	98	90	84	93
240-35466-10	WG-12616-032514-DN-46	97	90	85	91
240-35466-11	WG-12616-032514-DN-47	77	86	94	89
240-35466-12	WG-12616-032514-DN-48	98	89	84	91
240-35466-13	WG-12616-032514-DN-49	103	89	84	94
240-35466-14	WG-12616-032514-DN-50	101	88	82	93
240-35466-15	WG-12616-032514-DN-51	102	89	85	94
240-35466-16	WG-12616-032514-DN-52	102	89	84	96
240-35466-17	WG-12616-032514-DN-53	102	89	85	93
240-35466-18	WG-12616-032614-DN-54	103	88	85	92
240-35466-19	WG-12616-032614-DN-55	85	85	86	88
240-35466-20	WG-12616-032614-DN-56	88	88	92	91
240-35466-21	WG-12616-032614-DN-57	90	90	92	91
240-35466-22	WG-12616-032614-DN-58	88	84	88	92
240-35466-23	WG-12616-032614-DN-59	93	87	91	92
240-35466-24	TB-002	91	87	91	92
240-35466-25	RB-12616-032614-DN-60	91	89	91	91
LCS 240-124768/4	Lab Control Sample	74	87	93	88
LCS 240-124771/4	Lab Control Sample	87	98	94	90
LCS 240-124772/4	Lab Control Sample	92	94	91	88
LCS 240-124906/4	Lab Control Sample	90	96	94	87
MB 240-124768/6	Method Blank	76	87	92	86
MB 240-124771/6	Method Blank	89	89	92	92
MB 240-124772/6	Method Blank	99	87	89	90
MB 240-124906/6	Method Blank	96	90	88	94

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-124768/6
Matrix: Water
Analysis Batch: 124768

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 12:26	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 12:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 12:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 12:26	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 12:26	1
Carbon disulfide	0.826	J	1.0	0.13	ug/L			04/01/14 12:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 12:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 12:26	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 12:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 12:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 12:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 12:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 12:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 12:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 12:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 12:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 12:26	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 12:26	1
Methylene Chloride	2.04		1.0	0.33	ug/L			04/01/14 12:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 12:26	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 12:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 12:26	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 12:26	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 12:26	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 12:26	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 12:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 12:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 12:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 12:26	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 12:26	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 12:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 12:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 12:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 12:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 12:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 12:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 12:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 12:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 12:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 12:26	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 12:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 12:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124768/6
Matrix: Water
Analysis Batch: 124768

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*76*		*63 - 129*		*04/01/14 12:26*	*1*
4-Bromofluorobenzene (Surr)	*87*		*66 - 120*		*04/01/14 12:26*	*1*
Toluene-d8 (Surr)	*92*		*74 - 120*		*04/01/14 12:26*	*1*
Dibromofluoromethane (Surr)	*86*		*75 - 121*		*04/01/14 12:26*	*1*

Lab Sample ID: LCS 240-124768/4
Matrix: Water
Analysis Batch: 124768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	50.0	37.9		ug/L		76	43 - 136
Benzene	25.0	24.4		ug/L		98	80 - 120
Dichlorobromomethane	25.0	24.2		ug/L		97	72 - 121
Bromoform	25.0	23.9		ug/L		95	40 - 131
Bromomethane	25.0	15.2		ug/L		61	11 - 185
2-Butanone (MEK)	50.0	44.2		ug/L		88	60 - 126
Carbon disulfide	25.0	24.2		ug/L		97	62 - 142
Carbon tetrachloride	25.0	23.0		ug/L		92	66 - 128
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Chloroethane	25.0	15.6		ug/L		62	25 - 153
Chloroform	25.0	23.7		ug/L		95	79 - 120
Chloromethane	25.0	18.7		ug/L		75	44 - 126
1,1-Dichloroethane	25.0	24.3		ug/L		97	80 - 120
1,2-Dichloroethane	25.0	21.6		ug/L		87	71 - 127
1,1-Dichloroethene	25.0	22.1		ug/L		89	78 - 131
1,2-Dichloropropane	25.0	24.6		ug/L		98	80 - 120
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	61 - 120
trans-1,3-Dichloropropene	25.0	23.8		ug/L		95	58 - 120
Ethylbenzene	25.0	23.5		ug/L		94	80 - 120
2-Hexanone	50.0	42.8		ug/L		86	55 - 133
Methylene Chloride	25.0	26.8		ug/L		107	66 - 131
4-Methyl-2-pentanone (MIBK)	50.0	50.8		ug/L		102	63 - 128
Styrene	25.0	20.9		ug/L		84	79 - 120
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	68 - 120
Tetrachloroethene	25.0	23.1		ug/L		93	79 - 120
Toluene	25.0	24.4		ug/L		98	80 - 120
Trichloroethene	25.0	24.3		ug/L		97	76 - 120
Vinyl chloride	25.0	17.6		ug/L		70	53 - 127
Xylenes, Total	50.0	49.5		ug/L		99	80 - 120
1,1,1-Trichloroethane	25.0	22.8		ug/L		91	74 - 120
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	80 - 120
Cyclohexane	25.0	22.1		ug/L		88	54 - 121
1,2-Dibromo-3-Chloropropane	25.0	24.2		ug/L		97	42 - 136
Ethylene Dibromide	25.0	24.6		ug/L		98	79 - 120
Dichlorodifluoromethane	25.0	12.5		ug/L		50	19 - 129
cis-1,2-Dichloroethene	25.0	25.1		ug/L		101	80 - 120
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	80 - 120
Isopropylbenzene	25.0	24.7		ug/L		99	75 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124768/4
Matrix: Water
Analysis Batch: 124768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	125	114		ug/L		91	58 - 131
Methyl tert-butyl ether	25.0	25.5		ug/L		102	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.5		ug/L		82	74 - 151
1,2,4-Trichlorobenzene	25.0	23.8		ug/L		95	48 - 135
1,2-Dichlorobenzene	25.0	23.1		ug/L		93	80 - 120
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
1,4-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 120
Trichlorofluoromethane	25.0	15.6		ug/L		62	49 - 157
Chlorodibromomethane	25.0	22.3		ug/L		89	64 - 120
Methylcyclohexane	25.0	21.8		ug/L		87	56 - 127
m-Xylene & p-Xylene	25.0	24.1		ug/L		97	80 - 120
o-Xylene	25.0	25.4		ug/L		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*74*		*63 - 129*
4-Bromofluorobenzene (Surr)	*87*		*66 - 120*
Toluene-d8 (Surr)	*93*		*74 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 121*

Lab Sample ID: MB 240-124771/6
Matrix: Water
Analysis Batch: 124771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 14:31	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 14:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 14:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 14:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 14:31	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 14:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 14:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 14:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 14:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 14:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 14:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 14:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 14:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 14:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 14:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 14:31	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 14:31	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 14:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 14:31	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 14:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124771/6
Matrix: Water
Analysis Batch: 124771

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 14:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 14:31	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 14:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 14:31	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 14:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 14:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 14:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 14:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 14:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 14:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 14:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 14:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 14:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 14:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 14:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 14:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 14:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 14:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 14:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 14:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*04/01/14 14:31*	*1*
4-Bromofluorobenzene (Surr)	*89*		*66 - 120*		*04/01/14 14:31*	*1*
Toluene-d8 (Surr)	*92*		*74 - 120*		*04/01/14 14:31*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*04/01/14 14:31*	*1*

Lab Sample ID: LCS 240-124771/4
Matrix: Water
Analysis Batch: 124771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	23.6		ug/L		118	43 - 136
Benzene	10.0	9.79		ug/L		98	80 - 120
Dichlorobromomethane	10.0	9.80		ug/L		98	72 - 121
Bromoform	10.0	10.8		ug/L		108	40 - 131
Bromomethane	10.0	6.81		ug/L		68	11 - 185
2-Butanone (MEK)	20.0	24.1		ug/L		121	60 - 126
Carbon disulfide	10.0	11.9		ug/L		119	62 - 142
Carbon tetrachloride	10.0	10.0		ug/L		100	66 - 128
Chlorobenzene	10.0	9.74		ug/L		97	80 - 120
Chloroethane	10.0	8.48		ug/L		85	25 - 153
Chloroform	10.0	9.80		ug/L		98	79 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124771/4
Matrix: Water
Analysis Batch: 124771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	7.06		ug/L		71	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2-Dichloroethane	10.0	9.37		ug/L		94	71 - 127
1,1-Dichloroethene	10.0	10.5		ug/L		105	78 - 131
1,2-Dichloropropane	10.0	10.2		ug/L		102	80 - 120
cis-1,3-Dichloropropene	10.0	10.9		ug/L		109	61 - 120
trans-1,3-Dichloropropene	10.0	11.1		ug/L		111	58 - 120
Ethylbenzene	10.0	9.95		ug/L		100	80 - 120
2-Hexanone	20.0	24.3		ug/L		121	55 - 133
Methylene Chloride	10.0	9.50		ug/L		95	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	23.8		ug/L		119	63 - 128
Styrene	10.0	10.0		ug/L		100	79 - 120
1,1,2,2-Tetrachloroethane	10.0	11.7		ug/L		117	68 - 120
Tetrachloroethene	10.0	9.24		ug/L		92	79 - 120
Toluene	10.0	10.5		ug/L		105	80 - 120
Trichloroethene	10.0	9.15		ug/L		92	76 - 120
Vinyl chloride	10.0	7.83		ug/L		78	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120
1,1,1-Trichloroethane	10.0	9.77		ug/L		98	74 - 120
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120
Cyclohexane	10.0	10.8		ug/L		108	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	10.7		ug/L		107	42 - 136
Ethylene Dibromide	10.0	10.6		ug/L		106	79 - 120
Dichlorodifluoromethane	10.0	5.25		ug/L		53	19 - 129
cis-1,2-Dichloroethene	10.0	9.73		ug/L		97	80 - 120
trans-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
Isopropylbenzene	10.0	10.0		ug/L		100	75 - 120
Methyl acetate	50.0	55.9		ug/L		112	58 - 131
Methyl tert-butyl ether	10.0	10.1		ug/L		101	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.07		ug/L		91	74 - 151
1,2,4-Trichlorobenzene	10.0	8.96		ug/L		90	48 - 135
1,2-Dichlorobenzene	10.0	9.62		ug/L		96	80 - 120
1,3-Dichlorobenzene	10.0	9.70		ug/L		97	80 - 120
1,4-Dichlorobenzene	10.0	9.74		ug/L		97	80 - 120
Trichlorofluoromethane	10.0	7.41		ug/L		74	49 - 157
Chlorodibromomethane	10.0	10.8		ug/L		108	64 - 120
Methylcyclohexane	10.0	9.85		ug/L		98	56 - 127
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	80 - 120
o-Xylene	10.0	9.98		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*
4-Bromofluorobenzene (Surr)	*98*		*66 - 120*
Toluene-d8 (Surr)	*94*		*74 - 120*
Dibromofluoromethane (Surr)	*90*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124772/6
Matrix: Water
Analysis Batch: 124772

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/01/14 12:29	1
Benzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/01/14 12:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/01/14 12:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/01/14 12:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/01/14 12:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 12:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/01/14 12:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/01/14 12:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/01/14 12:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/01/14 12:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 12:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 12:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/01/14 12:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/01/14 12:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/01/14 12:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/01/14 12:29	1
2-Hexanone	10	U	10	0.41	ug/L			04/01/14 12:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/01/14 12:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/01/14 12:29	1
Styrene	1.0	U	1.0	0.11	ug/L			04/01/14 12:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/01/14 12:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/01/14 12:29	1
Toluene	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 12:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/01/14 12:29	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/01/14 12:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/01/14 12:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/01/14 12:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/01/14 12:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/01/14 12:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/01/14 12:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/01/14 12:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/01/14 12:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/01/14 12:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
Methyl acetate	10	U	10	0.38	ug/L			04/01/14 12:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/01/14 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/01/14 12:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/01/14 12:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/01/14 12:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/01/14 12:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/01/14 12:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/01/14 12:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124772/6
Matrix: Water
Analysis Batch: 124772

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 129*		*04/01/14 12:29*	*1*
4-Bromofluorobenzene (Surr)	*87*		*66 - 120*		*04/01/14 12:29*	*1*
Toluene-d8 (Surr)	*89*		*74 - 120*		*04/01/14 12:29*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 121*		*04/01/14 12:29*	*1*

Lab Sample ID: LCS 240-124772/4
Matrix: Water
Analysis Batch: 124772

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.1		ug/L		95	43 - 136
Benzene	10.0	10.0		ug/L		100	80 - 120
Dichlorobromomethane	10.0	9.00		ug/L		90	72 - 121
Bromoform	10.0	6.93		ug/L		69	40 - 131
Bromomethane	10.0	9.90		ug/L		99	11 - 185
2-Butanone (MEK)	20.0	19.3		ug/L		97	60 - 126
Carbon disulfide	10.0	9.69		ug/L		97	62 - 142
Carbon tetrachloride	10.0	8.75		ug/L		87	66 - 128
Chlorobenzene	10.0	9.96		ug/L		100	80 - 120
Chloroethane	10.0	9.04		ug/L		90	25 - 153
Chloroform	10.0	10.2		ug/L		102	79 - 120
Chloromethane	10.0	7.49		ug/L		75	44 - 126
1,1-Dichloroethane	10.0	10.0		ug/L		100	80 - 120
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,1-Dichloroethene	10.0	9.64		ug/L		96	78 - 131
1,2-Dichloropropane	10.0	9.66		ug/L		97	80 - 120
cis-1,3-Dichloropropene	10.0	8.83		ug/L		88	61 - 120
trans-1,3-Dichloropropene	10.0	9.56		ug/L		96	58 - 120
Ethylbenzene	10.0	9.80		ug/L		98	80 - 120
2-Hexanone	20.0	20.7		ug/L		103	55 - 133
Methylene Chloride	10.0	9.87		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	17.8		ug/L		89	63 - 128
Styrene	10.0	9.98		ug/L		100	79 - 120
1,1,2,2-Tetrachloroethane	10.0	9.98		ug/L		100	68 - 120
Tetrachloroethene	10.0	9.68		ug/L		97	79 - 120
Toluene	10.0	10.1		ug/L		101	80 - 120
Trichloroethene	10.0	9.88		ug/L		99	76 - 120
Vinyl chloride	10.0	8.40		ug/L		84	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120
1,1,1-Trichloroethane	10.0	9.69		ug/L		97	74 - 120
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 120
Cyclohexane	10.0	9.43		ug/L		94	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.85		ug/L		78	42 - 136
Ethylene Dibromide	10.0	9.78		ug/L		98	79 - 120
Dichlorodifluoromethane	10.0	6.22		ug/L		62	19 - 129
cis-1,2-Dichloroethene	10.0	9.46		ug/L		95	80 - 120
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
Isopropylbenzene	10.0	10.3		ug/L		103	75 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124772/4
Matrix: Water
Analysis Batch: 124772

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	42.7		ug/L		85	58 - 131
Methyl tert-butyl ether	10.0	8.98		ug/L		90	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.1		ug/L		101	74 - 151
1,2,4-Trichlorobenzene	10.0	8.73		ug/L		87	48 - 135
1,2-Dichlorobenzene	10.0	9.84		ug/L		98	80 - 120
1,3-Dichlorobenzene	10.0	9.74		ug/L		97	80 - 120
1,4-Dichlorobenzene	10.0	9.89		ug/L		99	80 - 120
Trichlorofluoromethane	10.0	10.2		ug/L		102	49 - 157
Chlorodibromomethane	10.0	7.96		ug/L		80	64 - 120
Methylcyclohexane	10.0	10.0		ug/L		100	56 - 127
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	80 - 120
o-Xylene	10.0	10.2		ug/L		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 129*
4-Bromofluorobenzene (Surr)	*94*		*66 - 120*
Toluene-d8 (Surr)	*91*		*74 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 121*

Lab Sample ID: 240-35466-6 MS
Matrix: Water
Analysis Batch: 124772

Client Sample ID: WG-12616-032414-DN-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	1.5	J	20.0	18.4		ug/L		85	33 - 145
Benzene	1.0	U	10.0	10.1		ug/L		101	72 - 121
Dichlorobromomethane	1.0	U	10.0	8.73		ug/L		87	67 - 120
Bromoform	1.0	U	10.0	6.23		ug/L		62	32 - 128
Bromomethane	1.0	U	10.0	9.55		ug/L		96	10 - 186
2-Butanone (MEK)	10	U	20.0	19.1		ug/L		95	54 - 129
Carbon disulfide	1.0	U	10.0	9.93		ug/L		99	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.12		ug/L		81	59 - 129
Chlorobenzene	1.0	U	10.0	9.68		ug/L		97	80 - 120
Chloroethane	1.0	U	10.0	8.84		ug/L		88	21 - 165
Chloroform	1.0	U	10.0	10.4		ug/L		104	76 - 120
Chloromethane	1.0	U	10.0	7.38		ug/L		74	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.99		ug/L		100	79 - 120
1,2-Dichloroethane	1.0	U	10.0	10.2		ug/L		102	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.70		ug/L		97	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.46		ug/L		95	78 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	8.04		ug/L		80	51 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	8.66		ug/L		87	46 - 120
Ethylbenzene	1.0	U	10.0	9.37		ug/L		94	75 - 120
2-Hexanone	10	U	20.0	19.2		ug/L		96	47 - 139
Methylene Chloride	1.0	U	10.0	10.2		ug/L		102	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	17.4		ug/L		87	56 - 131
Styrene	1.0	U	10.0	9.68		ug/L		97	71 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-35466-6 MS
Matrix: Water
Analysis Batch: 124772

Client Sample ID: WG-12616-032414-DN-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.85		ug/L		98	63 - 122
Tetrachloroethene	1.0	U	10.0	9.36		ug/L		94	70 - 120
Toluene	1.0	U	10.0	9.87		ug/L		99	78 - 120
Trichloroethene	1.0	U	10.0	9.68		ug/L		97	66 - 120
Vinyl chloride	1.0	U	10.0	8.55		ug/L		85	49 - 130
Xylenes, Total	2.0	U	20.0	19.4		ug/L		97	76 - 120
1,1,1-Trichloroethane	1.0	U	10.0	9.42		ug/L		94	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.98		ug/L		100	75 - 120
Cyclohexane	1.0	U	10.0	9.05		ug/L		91	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.15		ug/L		72	32 - 139
Ethylene Dibromide	1.0	U	10.0	9.47		ug/L		95	74 - 120
Dichlorodifluoromethane	1.0	U	10.0	5.41		ug/L		54	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.54		ug/L		95	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.1		ug/L		101	80 - 120
Isopropylbenzene	1.0	U	10.0	9.93		ug/L		99	68 - 120
Methyl acetate	10	U	50.0	42.7		ug/L		85	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	8.81		ug/L		88	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.6		ug/L		106	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	8.66		ug/L		87	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	9.61		ug/L		96	75 - 120
1,3-Dichlorobenzene	1.0	U	10.0	9.34		ug/L		93	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	9.37		ug/L		94	75 - 120
Trichlorofluoromethane	1.0	U	10.0	9.19		ug/L		92	46 - 157
Chlorodibromomethane	1.0	U	10.0	7.47		ug/L		75	56 - 120
Methylcyclohexane	1.0	U	10.0	9.55		ug/L		96	49 - 127
m-Xylene & p-Xylene	2.0		10.0	9.55		ug/L		95	75 - 120
o-Xylene	1.0		10.0	9.87		ug/L		99	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*95*		*66 - 120*
Toluene-d8 (Surr)	*90*		*74 - 120*
Dibromofluoromethane (Surr)	*87*		*75 - 121*

Lab Sample ID: 240-35466-6 MSD
Matrix: Water
Analysis Batch: 124772

Client Sample ID: WG-12616-032414-DN-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	1.5	J	20.0	18.5		ug/L		85	33 - 145	1	30
Benzene	1.0	U	10.0	10.2		ug/L		102	72 - 121	1	30
Dichlorobromomethane	1.0	U	10.0	8.92		ug/L		89	67 - 120	2	30
Bromoform	1.0	U	10.0	6.73		ug/L		67	32 - 128	8	30
Bromomethane	1.0	U	10.0	10.9		ug/L		109	10 - 186	13	30
2-Butanone (MEK)	10	U	20.0	19.6		ug/L		98	54 - 129	3	30
Carbon disulfide	1.0	U	10.0	9.96		ug/L		100	57 - 147	0	30
Carbon tetrachloride	1.0	U	10.0	8.43		ug/L		84	59 - 129	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-35466-6 MSD
Matrix: Water
Analysis Batch: 124772

Client Sample ID: WG-12616-032414-DN-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	1.0	U	10.0	9.88		ug/L		99	80 - 120	2	30
Chloroethane	1.0	U	10.0	9.48		ug/L		95	21 - 165	7	30
Chloroform	1.0	U	10.0	10.5		ug/L		105	76 - 120	1	30
Chloromethane	1.0	U	10.0	7.82		ug/L		78	33 - 132	6	30
1,1-Dichloroethane	1.0	U	10.0	10.1		ug/L		101	79 - 120	1	30
1,2-Dichloroethane	1.0	U	10.0	10.3		ug/L		103	68 - 129	1	30
1,1-Dichloroethene	1.0	U	10.0	9.90		ug/L		99	74 - 135	2	30
1,2-Dichloropropane	1.0	U	10.0	9.63		ug/L		96	78 - 120	2	30
cis-1,3-Dichloropropene	1.0	U	10.0	8.35		ug/L		83	51 - 120	4	30
trans-1,3-Dichloropropene	1.0	U	10.0	9.21		ug/L		92	46 - 120	6	30
Ethylbenzene	1.0	U	10.0	9.64		ug/L		96	75 - 120	3	30
2-Hexanone	10	U	20.0	19.9		ug/L		99	47 - 139	3	30
Methylene Chloride	1.0	U	10.0	10.3		ug/L		103	63 - 128	1	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	17.7		ug/L		88	56 - 131	1	30
Styrene	1.0	U	10.0	9.81		ug/L		98	71 - 120	1	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.0		ug/L		100	63 - 122	2	30
Tetrachloroethene	1.0	U	10.0	9.48		ug/L		95	70 - 120	1	30
Toluene	1.0	U	10.0	10.1		ug/L		101	78 - 120	2	30
Trichloroethene	1.0	U	10.0	9.74		ug/L		97	66 - 120	1	30
Vinyl chloride	1.0	U	10.0	8.84		ug/L		88	49 - 130	3	30
Xylenes, Total	2.0	U	20.0	20.0		ug/L		100	76 - 120	3	30
1,1,1-Trichloroethane	1.0	U	10.0	9.67		ug/L		97	68 - 121	3	30
1,1,2-Trichloroethane	1.0	U	10.0	10.2		ug/L		102	75 - 120	2	30
Cyclohexane	1.0	U	10.0	9.15		ug/L		91	49 - 123	1	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.58		ug/L		76	32 - 139	6	30
Ethylene Dibromide	1.0	U	10.0	9.96		ug/L		100	74 - 120	5	30
Dichlorodifluoromethane	1.0	U	10.0	6.15		ug/L		62	17 - 128	13	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.73		ug/L		97	70 - 120	2	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	80 - 120	3	30
Isopropylbenzene	1.0	U	10.0	10.1		ug/L		101	68 - 120	2	30
Methyl acetate	10	U	50.0	43.7		ug/L		87	47 - 130	2	30
Methyl tert-butyl ether	1.0	U	10.0	9.11		ug/L		91	46 - 144	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.1		ug/L		101	70 - 152	4	30
1,2,4-Trichlorobenzene	1.0	U	10.0	9.24		ug/L		92	38 - 138	7	30
1,2-Dichlorobenzene	1.0	U	10.0	9.70		ug/L		97	75 - 120	1	30
1,3-Dichlorobenzene	1.0	U	10.0	9.53		ug/L		95	73 - 120	2	30
1,4-Dichlorobenzene	1.0	U	10.0	9.70		ug/L		97	75 - 120	3	30
Trichlorofluoromethane	1.0	U	10.0	9.72		ug/L		97	46 - 157	6	30
Chlorodibromomethane	1.0	U	10.0	7.87		ug/L		79	56 - 120	5	30
Methylcyclohexane	1.0	U	10.0	9.67		ug/L		97	49 - 127	1	30
m-Xylene & p-Xylene	2.0		10.0	9.87		ug/L		99	75 - 120	3	30
o-Xylene	1.0		10.0	10.1		ug/L		101	76 - 120	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 129*
4-Bromofluorobenzene (Surr)	*97*		*66 - 120*
Toluene-d8 (Surr)	*91*		*74 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-35466-6 MSD
Matrix: Water
Analysis Batch: 124772

Client Sample ID: WG-12616-032414-DN-42
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*87*		*75 - 121*

Lab Sample ID: MB 240-124906/6
Matrix: Water
Analysis Batch: 124906

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/02/14 12:29	1
Benzene	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/02/14 12:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/02/14 12:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/02/14 12:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/02/14 12:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 12:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/02/14 12:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/02/14 12:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/02/14 12:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/02/14 12:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 12:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 12:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/02/14 12:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/02/14 12:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/02/14 12:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/02/14 12:29	1
2-Hexanone	10	U	10	0.41	ug/L			04/02/14 12:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/02/14 12:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/02/14 12:29	1
Styrene	1.0	U	1.0	0.11	ug/L			04/02/14 12:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/02/14 12:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/02/14 12:29	1
Toluene	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 12:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/02/14 12:29	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			04/02/14 12:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/02/14 12:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/02/14 12:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/02/14 12:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/02/14 12:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/02/14 12:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/02/14 12:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/02/14 12:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/02/14 12:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
Methyl acetate	10	U	10	0.38	ug/L			04/02/14 12:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/02/14 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/02/14 12:29	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-124906/6
Matrix: Water
Analysis Batch: 124906

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/02/14 12:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/02/14 12:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/02/14 12:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/02/14 12:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/02/14 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 129*		*04/02/14 12:29*	*1*
4-Bromofluorobenzene (Surr)	*90*		*66 - 120*		*04/02/14 12:29*	*1*
Toluene-d8 (Surr)	*88*		*74 - 120*		*04/02/14 12:29*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 121*		*04/02/14 12:29*	*1*

Lab Sample ID: LCS 240-124906/4
Matrix: Water
Analysis Batch: 124906

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	17.5		ug/L		87	43 - 136
Benzene	10.0	10.1		ug/L		101	80 - 120
Dichlorobromomethane	10.0	9.16		ug/L		92	72 - 121
Bromoform	10.0	6.80		ug/L		68	40 - 131
Bromomethane	10.0	8.92		ug/L		89	11 - 185
2-Butanone (MEK)	20.0	19.7		ug/L		99	60 - 126
Carbon disulfide	10.0	10.1		ug/L		101	62 - 142
Carbon tetrachloride	10.0	8.56		ug/L		86	66 - 128
Chlorobenzene	10.0	10.2		ug/L		102	80 - 120
Chloroethane	10.0	8.20		ug/L		82	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 120
Chloromethane	10.0	7.44		ug/L		74	44 - 126
1,1-Dichloroethane	10.0	10.1		ug/L		101	80 - 120
1,2-Dichloroethane	10.0	10.1		ug/L		101	71 - 127
1,1-Dichloroethene	10.0	9.93		ug/L		99	78 - 131
1,2-Dichloropropane	10.0	9.80		ug/L		98	80 - 120
cis-1,3-Dichloropropene	10.0	8.72		ug/L		87	61 - 120
trans-1,3-Dichloropropene	10.0	9.58		ug/L		96	58 - 120
Ethylbenzene	10.0	9.83		ug/L		98	80 - 120
2-Hexanone	20.0	17.7		ug/L		88	55 - 133
Methylene Chloride	10.0	10.1		ug/L		101	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.5		ug/L		83	63 - 128
Styrene	10.0	9.88		ug/L		99	79 - 120
1,1,2,2-Tetrachloroethane	10.0	10.1		ug/L		101	68 - 120
Tetrachloroethene	10.0	9.97		ug/L		100	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
Trichloroethene	10.0	9.77		ug/L		98	76 - 120
Vinyl chloride	10.0	8.18		ug/L		82	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-124906/4
Matrix: Water
Analysis Batch: 124906

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.44		ug/L		94	74 - 120
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 120
Cyclohexane	10.0	8.98		ug/L		90	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.96		ug/L		80	42 - 136
Ethylene Dibromide	10.0	9.99		ug/L		100	79 - 120
Dichlorodifluoromethane	10.0	4.49		ug/L		45	19 - 129
cis-1,2-Dichloroethene	10.0	9.51		ug/L		95	80 - 120
trans-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 120
Isopropylbenzene	10.0	10.1		ug/L		101	75 - 120
Methyl acetate	50.0	43.1		ug/L		86	58 - 131
Methyl tert-butyl ether	10.0	8.83		ug/L		88	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.57		ug/L		96	74 - 151
1,2,4-Trichlorobenzene	10.0	8.67		ug/L		87	48 - 135
1,2-Dichlorobenzene	10.0	9.68		ug/L		97	80 - 120
1,3-Dichlorobenzene	10.0	9.46		ug/L		95	80 - 120
1,4-Dichlorobenzene	10.0	9.53		ug/L		95	80 - 120
Trichlorofluoromethane	10.0	9.10		ug/L		91	49 - 157
Chlorodibromomethane	10.0	8.49		ug/L		85	64 - 120
Methylcyclohexane	10.0	9.46		ug/L		95	56 - 127
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	80 - 120
o-Xylene	10.0	10.2		ug/L		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 129*
4-Bromofluorobenzene (Surr)	*96*		*66 - 120*
Toluene-d8 (Surr)	*94*		*74 - 120*
Dibromofluoromethane (Surr)	*87*		*75 - 121*

GC/MS VOA

Analysis Batch: 124768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35466-11	WG-12616-032514-DN-47	Total/NA	Water	8260B	
LCS 240-124768/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124768/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 124771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35466-19	WG-12616-032614-DN-55	Total/NA	Water	8260B	
240-35466-20	WG-12616-032614-DN-56	Total/NA	Water	8260B	
240-35466-21	WG-12616-032614-DN-57	Total/NA	Water	8260B	
240-35466-22	WG-12616-032614-DN-58	Total/NA	Water	8260B	
240-35466-23	WG-12616-032614-DN-59	Total/NA	Water	8260B	
240-35466-24	TB-002	Total/NA	Water	8260B	
240-35466-25	RB-12616-032614-DN-60	Total/NA	Water	8260B	
LCS 240-124771/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124771/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 124772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35466-1	WG-12616-032414-DN-37	Total/NA	Water	8260B	
240-35466-2	WG-12616-032414-DN-38	Total/NA	Water	8260B	
240-35466-3	WG-12616-032414-DN-39	Total/NA	Water	8260B	
240-35466-4	WG-12616-032414-DN-40	Total/NA	Water	8260B	
240-35466-5	WG-12616-032414-DN-41	Total/NA	Water	8260B	
240-35466-6	WG-12616-032414-DN-42	Total/NA	Water	8260B	
240-35466-6 MS	WG-12616-032414-DN-42	Total/NA	Water	8260B	
240-35466-6 MSD	WG-12616-032414-DN-42	Total/NA	Water	8260B	
240-35466-13	WG-12616-032514-DN-49	Total/NA	Water	8260B	
240-35466-14	WG-12616-032514-DN-50	Total/NA	Water	8260B	
240-35466-15	WG-12616-032514-DN-51	Total/NA	Water	8260B	
240-35466-16	WG-12616-032514-DN-52	Total/NA	Water	8260B	
240-35466-17	WG-12616-032514-DN-53	Total/NA	Water	8260B	
240-35466-18	WG-12616-032614-DN-54	Total/NA	Water	8260B	
LCS 240-124772/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124772/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 124906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-35466-7	WG-12616-032414-DN-43	Total/NA	Water	8260B	
240-35466-8	WG-12616-032414-DN-44	Total/NA	Water	8260B	
240-35466-9	WG-12616-032514-DN-45	Total/NA	Water	8260B	
240-35466-10	WG-12616-032514-DN-46	Total/NA	Water	8260B	
240-35466-12	WG-12616-032514-DN-48	Total/NA	Water	8260B	
LCS 240-124906/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-124906/6	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-032414-DN-37 — **Lab Sample ID: 240-35466-1**
Date Collected: 03/24/14 09:00 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 15:51	LRW	TAL CAN

Client Sample ID: WG-12616-032414-DN-38 — **Lab Sample ID: 240-35466-2**
Date Collected: 03/24/14 10:25 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		14.28	124772	04/01/14 16:13	LRW	TAL CAN

Client Sample ID: WG-12616-032414-DN-39 — **Lab Sample ID: 240-35466-3**
Date Collected: 03/24/14 11:45 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 16:36	LRW	TAL CAN

Client Sample ID: WG-12616-032414-DN-40 — **Lab Sample ID: 240-35466-4**
Date Collected: 03/24/14 13:10 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 16:59	LRW	TAL CAN

Client Sample ID: WG-12616-032414-DN-41 — **Lab Sample ID: 240-35466-5**
Date Collected: 03/24/14 14:10 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 17:21	LRW	TAL CAN

Client Sample ID: WG-12616-032414-DN-42 — **Lab Sample ID: 240-35466-6**
Date Collected: 03/24/14 15:50 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 20:01	LRW	TAL CAN

Client Sample ID: WG-12616-032414-DN-43 — **Lab Sample ID: 240-35466-7**
Date Collected: 03/24/14 17:10 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124906	04/02/14 13:14	RJQ	TAL CAN

Client Sample ID: WG-12616-032414-DN-44 — **Lab Sample ID: 240-35466-8**
Date Collected: 03/24/14 18:15 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124906	04/02/14 13:36	RJQ	TAL CAN

Client Sample ID: WG-12616-032514-DN-45 — **Lab Sample ID: 240-35466-9**
Date Collected: 03/25/14 08:25 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124906	04/02/14 13:59	RJQ	TAL CAN

Client Sample ID: WG-12616-032514-DN-46 — **Lab Sample ID: 240-35466-10**
Date Collected: 03/25/14 09:45 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	124906	04/02/14 14:21	RJQ	TAL CAN

Client Sample ID: WG-12616-032514-DN-47 — **Lab Sample ID: 240-35466-11**
Date Collected: 03/25/14 13:15 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124768	04/01/14 20:36	RJQ	TAL CAN

Client Sample ID: WG-12616-032514-DN-48 — **Lab Sample ID: 240-35466-12**
Date Collected: 03/25/14 14:30 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124906	04/02/14 14:44	RJQ	TAL CAN

Client Sample ID: WG-12616-032514-DN-49 — **Lab Sample ID: 240-35466-13**
Date Collected: 03/25/14 15:40 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 17:44	LRW	TAL CAN

Client Sample ID: WG-12616-032514-DN-50 — **Lab Sample ID: 240-35466-14**
Date Collected: 03/25/14 16:40 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 18:07	LRW	TAL CAN

Client Sample ID: WG-12616-032514-DN-51 — **Lab Sample ID: 240-35466-15**
Date Collected: 03/25/14 17:40 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 18:30	LRW	TAL CAN

Client Sample ID: WG-12616-032514-DN-52 — **Lab Sample ID: 240-35466-16**
Date Collected: 03/25/14 18:05 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 18:53	LRW	TAL CAN

Client Sample ID: WG-12616-032514-DN-53 — **Lab Sample ID: 240-35466-17**
Date Collected: 03/25/14 18:40 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 19:15	LRW	TAL CAN

Client Sample ID: WG-12616-032614-DN-54 — **Lab Sample ID: 240-35466-18**
Date Collected: 03/26/14 08:15 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124772	04/01/14 19:38	LRW	TAL CAN

Client Sample ID: WG-12616-032614-DN-55 — **Lab Sample ID: 240-35466-19**
Date Collected: 03/26/14 09:20 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124771	04/01/14 15:37	LEE	TAL CAN

Client Sample ID: WG-12616-032614-DN-56 — **Lab Sample ID: 240-35466-20**
Date Collected: 03/26/14 14:00 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		3.33	124771	04/01/14 15:59	LEE	TAL CAN

Client Sample ID: WG-12616-032614-DN-57 — **Lab Sample ID: 240-35466-21**
Date Collected: 03/26/14 15:15 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	124771	04/01/14 16:22	LEE	TAL CAN

Client Sample ID: WG-12616-032614-DN-58 — **Lab Sample ID: 240-35466-22**
Date Collected: 03/26/14 16:35 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		7.14	124771	04/01/14 16:45	LEE	TAL CAN

Client Sample ID: WG-12616-032614-DN-59 — **Lab Sample ID: 240-35466-23**
Date Collected: 03/26/14 17:40 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124771	04/01/14 17:07	LEE	TAL CAN

Client Sample ID: TB-002 — **Lab Sample ID: 240-35466-24**
Date Collected: 03/24/14 00:00 — **Matrix: Water**
Date Received: 03/27/14 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124771	04/01/14 17:30	LEE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Client Sample ID: RB-12616-032614-DN-60
Date Collected: 03/26/14 17:50
Date Received: 03/27/14 09:15

Lab Sample ID: 240-35466-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	124771	04/01/14 17:53	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-35466-1

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

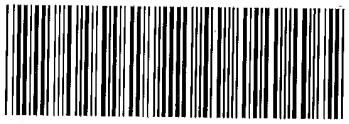
Authority	Program	EPA Region	Certification ID	Expiration Date
Ohio VAP	State Program	5	CL0024	10-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B		Water	Cyclohexane
8260B		Water	Methyl acetate
8260B		Water	Methylcyclohexane

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-35466 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

Chain of Custody Record

1.2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	3.26.14	010720
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Heckler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria, OH			
Contract/Purchase Order/Quote No.			
12616-T02			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	Special Instructions/ Conditions of Receipt
WG-12616-032414-DN-37	3.24.14	0900		X						X			X	
-38		1025		X						X			X	
-39		1145		X						X			X	
-40		1310		X						X			X	
-41		1410		X						X			X	
-42		1550		X						X			X	MS/MSD
-43		1710		X						X			X	
-44		1815		X						X			X	
WG-12616-032514-DN-45	3.25.14	0825		X						X			X	
-46		0945		X						X			X	
-47		1315		X						X			X	
-48		1430		X						X			X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Don Newton	3.26.14	1830		3/27/14	905
2.						
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	3-26-14	010719
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 2**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hockler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria, OH			
Contract/Purchase Order/Quote No.			
12616-T02			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOCs	Special Instructions/ Conditions of Receipt
WG-12616-032514-DN-49	3-25-14	1540		X						X			X	
50		1640		X						X			X	
51		1740		X						X			X	
52		1805		X						X			X	
53		1840		X						X			X	
WG-12616-032614-DN-54	3-26-14	0815		X						X			X	
55		0920		X						X			X	
56		1400		X						X			X	
57		1515		X						X			X	
58		1635		X						X			X	
59		1740		X						X			X	
TB-002	—	—		X									X	Trip Blank

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Dn Newton	3-26-14	1830	1. Received By:	3/27/14	915
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: # RB-12616-032614-DN-60 (1750) for VOC analysis

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 35466
Canton Facility

Client CRA Site Name _____ Cooler unpacked by: Chr Langjahr

Cooler Received on 3/27/14 Opened on 3/27/14

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # K272 Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C) Observed Cooler Temp. 1.2 °C	Corrected Cooler Temp. 1.2 °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF -1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +1 °C) Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were custody seals on the bottle(s)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Did all bottles arrive in good condition (Unbroken)?	Yes	No
7. Could all bottle labels be reconciled with the COC?	Yes	No
8. Were correct bottle(s) used for the test(s) indicated?	Yes	No
9. Sufficient quantity received to perform indicated analyses?	Yes	No
10. Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC391902
11. Were VOAs on the COC?	Yes	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	No NA
13. Was a trip blank present in the cooler(s)?	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-36054-1
Client Project/Site: 12616-T02-008, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
4/24/2014 9:00:10 AM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Certification Summary 39
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-36054-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-008, Racer Elyria

Report Number: 240-36054-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 04/11/2014; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.8 C.

TCLP VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples S-12616-041014-DN-01 (240-36054-1) and WG-12616-041014-DN-01 (240-36054-2) were analyzed for TCLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 04/16/2014 and analyzed on 04/17/2014.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GCMS)

Samples S-12616-041014-DN-01 (240-36054-1) and WG-12616-041014-DN-01 (240-36054-2) were analyzed for TCLP semivolatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 04/16/2014, prepared on 04/22/2014 and analyzed on 04/23/2014.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

Job ID: 240-36054-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

No difficulties were encountered during the SVOCs analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample S-12616-041014-DN-01 (240-36054-1) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 04/14/2014 and analyzed on 04/16/2014.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: S-12616-041014-DN-01 (240-36054-1). Reagents: 1424891, 1383665, 1426198.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Sample WG-12616-041014-DN-01 (240-36054-2) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 04/14/2014 and analyzed on 04/15/2014.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required. All of the samples in this data set analyzed for PCBs were subjected to the sulfuric acid cleanup procedure before instrumental analysis, per EPA Method 3665A.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

TCLP METALS (ICP)

Samples S-12616-041014-DN-01 (240-36054-1) and WG-12616-041014-DN-01 (240-36054-2) were analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/6010B. The samples were leached on 04/16/2014, prepared on 04/17/2014 and analyzed on 04/18/2014.

Barium was detected in method blank LB 240-126778/1-D at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Barium was detected in method blank MB 240-126847/2-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TCLP MERCURY

Samples S-12616-041014-DN-01 (240-36054-1) and WG-12616-041014-DN-01 (240-36054-2) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 04/16/2014, prepared on 04/17/2014 and analyzed on 04/18/2014.

No difficulties were encountered during the mercury analysis.

Job ID: 240-36054-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

All quality control parameters were within the acceptance limits.

FLASHPOINT
Sample S-12616-041014-DN-01 (240-36054-1) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 04/14/2014.

No difficulties were encountered during the flashpoint analysis.

All quality control parameters were within the acceptance limits.

FLASHPOINT
Sample WG-12616-041014-DN-01 (240-36054-2) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 04/14/2014.

No difficulties were encountered during the flashpoint analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Sample S-12616-041014-DN-01 (240-36054-1) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 04/14/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Sample WG-12616-041014-DN-01 (240-36054-2) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 04/22/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

SULFIDE
Sample S-12616-041014-DN-01 (240-36054-1) was analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 04/14/2014.

No difficulties were encountered during the sulfide analysis.

All quality control parameters were within the acceptance limits.

SULFIDE
Sample WG-12616-041014-DN-01 (240-36054-2) was analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 04/15/2014.

No difficulties were encountered during the sulfide analysis.

All quality control parameters were within the acceptance limits.

PH
Sample WG-12616-041014-DN-01 (240-36054-2) was analyzed for pH in accordance with EPA SW-846 Method 9040C. The samples were analyzed past the method recommended 15 minute holding time on 04/11/2014.

Job ID: 240-36054-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

No difficulties were encountered during the pH analysis.

All quality control parameters were within the acceptance limits.

PH

Sample S-12616-041014-DN-01 (240-36054-1) was analyzed for pH in accordance with EPA SW-846 Method 9045C. The samples were analyzed on 04/11/2014.

No difficulties were encountered during the pH analysis.

All quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CAN
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable	SW846	TAL CAN
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL CAN
9040C	pH	SW846	TAL CAN
9045C	pH	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-36054-1	S-12616-041014-DN-01	Solid	04/10/14 13:05	04/11/14 13:30
240-36054-2	WG-12616-041014-DN-01	Water	04/10/14 13:30	04/11/14 13:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01

Lab Sample ID: 240-36054-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0092	J	0.50	0.0032	mg/L	1		6010B	TCLP
Barium	0.52	J B	10	0.00067	mg/L	1		6010B	TCLP
Cadmium	0.0018	J	0.10	0.00066	mg/L	1		6010B	TCLP
Chromium	0.0024	J	0.50	0.0022	mg/L	1		6010B	TCLP
Lead	0.0027	J	0.50	0.0019	mg/L	1		6010B	TCLP
Selenium	0.0050	J	0.25	0.0041	mg/L	1		6010B	TCLP
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Corrosivity	5.84		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: WG-12616-041014-DN-01

Lab Sample ID: 240-36054-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.043	J B	10	0.00067	mg/L	1		6010B	TCLP
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Cyanide, Total	0.0077	J	0.010	0.0032	mg/L	1		9012A	Total/NA
Corrosivity	8.27	H	0.100	0.100	SU	1		9040C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01
Date Collected: 04/10/14 13:05
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			04/17/14 19:33	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			04/17/14 19:33	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			04/17/14 19:33	1
Benzene	0.025	U	0.025	0.0065	mg/L			04/17/14 19:33	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			04/17/14 19:33	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			04/17/14 19:33	1
Chloroform	0.025	U	0.025	0.0080	mg/L			04/17/14 19:33	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			04/17/14 19:33	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			04/17/14 19:33	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			04/17/14 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*80 - 121*		*04/17/14 19:33*	*1*
4-Bromofluorobenzene (Surr)	*85*		*70 - 124*		*04/17/14 19:33*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/17/14 19:33*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 128*		*04/17/14 19:33*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01
Date Collected: 04/10/14 13:05
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-1
Matrix: Solid

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	0.040	U	0.040	0.00080	mg/L		04/22/14 09:39	04/23/14 11:17	1
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		04/22/14 09:39	04/23/14 11:17	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00025	mg/L		04/22/14 09:39	04/23/14 11:17	1
Hexachlorobenzene	0.020	U	0.020	0.000085	mg/L		04/22/14 09:39	04/23/14 11:17	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		04/22/14 09:39	04/23/14 11:17	1
Hexachloroethane	0.020	U	0.020	0.00019	mg/L		04/22/14 09:39	04/23/14 11:17	1
2-Methylphenol	0.0040	U	0.0040	0.00017	mg/L		04/22/14 09:39	04/23/14 11:17	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		04/22/14 09:39	04/23/14 11:17	1
Pentachlorophenol	0.040	U	0.040	0.00027	mg/L		04/22/14 09:39	04/23/14 11:17	1
Pyridine	0.020	U	0.020	0.00035	mg/L		04/22/14 09:39	04/23/14 11:17	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		04/22/14 09:39	04/23/14 11:17	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00024	mg/L		04/22/14 09:39	04/23/14 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*27 - 110*	*04/22/14 09:39*	*04/23/14 11:17*	*1*
2-Fluorophenol (Surr)	*62*		*10 - 110*	*04/22/14 09:39*	*04/23/14 11:17*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*15 - 110*	*04/22/14 09:39*	*04/23/14 11:17*	*1*
Nitrobenzene-d5 (Surr)	*75*		*27 - 110*	*04/22/14 09:39*	*04/23/14 11:17*	*1*
Phenol-d5 (Surr)	*41*		*20 - 110*	*04/22/14 09:39*	*04/23/14 11:17*	*1*
Terphenyl-d14 (Surr)	*108*		*38 - 110*	*04/22/14 09:39*	*04/23/14 11:17*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01
Date Collected: 04/10/14 13:05
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-1
Matrix: Solid
Percent Solids: 89.8

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	36	U	36	4.5	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1
Aroclor-1221	36	U	36	4.4	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1
Aroclor-1232	36	U	36	8.6	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1
Aroclor-1242	36	U	36	5.1	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1
Aroclor-1248	36	U	36	5.0	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1
Aroclor-1254	36	U	36	5.2	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1
Aroclor-1260	36	U	36	4.4	ug/Kg	☼	04/14/14 07:46	04/16/14 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*29 - 151*	*04/14/14 07:46*	*04/16/14 06:56*	*1*
DCB Decachlorobiphenyl	*47*		*14 - 163*	*04/14/14 07:46*	*04/16/14 06:56*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01
Date Collected: 04/10/14 13:05
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-1
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0092	J	0.50	0.0032	mg/L		04/17/14 09:21	04/18/14 23:35	1
Barium	0.52	J B	10	0.00067	mg/L		04/17/14 09:21	04/18/14 23:35	1
Cadmium	0.0018	J	0.10	0.00066	mg/L		04/17/14 09:21	04/18/14 23:35	1
Chromium	0.0024	J	0.50	0.0022	mg/L		04/17/14 09:21	04/18/14 23:35	1
Lead	0.0027	J	0.50	0.0019	mg/L		04/17/14 09:21	04/18/14 23:35	1
Selenium	0.0050	J	0.25	0.0041	mg/L		04/17/14 09:21	04/18/14 23:35	1
Silver	0.50	U	0.50	0.0022	mg/L		04/17/14 09:21	04/18/14 23:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01
Date Collected: 04/10/14 13:05
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-1
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		04/17/14 13:45	04/18/14 12:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: S-12616-041014-DN-01
Date Collected: 04/10/14 13:05
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-1
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		1.00	1.00	Degrees F			04/14/14 12:29	1
Cyanide, Total	0.62	U	0.62	0.12	mg/Kg	☼	04/14/14 10:53	04/14/14 12:26	1
Sulfide	33	U	33	24	mg/Kg	☼	04/14/14 15:20	04/14/14 16:03	1
Corrosivity	**5.84**		0.100	0.100	SU			04/11/14 14:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			04/17/14 19:54	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			04/17/14 19:54	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			04/17/14 19:54	1
Benzene	0.025	U	0.025	0.0065	mg/L			04/17/14 19:54	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			04/17/14 19:54	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			04/17/14 19:54	1
Chloroform	0.025	U	0.025	0.0080	mg/L			04/17/14 19:54	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			04/17/14 19:54	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			04/17/14 19:54	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			04/17/14 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 121*		*04/17/14 19:54*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 124*		*04/17/14 19:54*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/17/14 19:54*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 128*		*04/17/14 19:54*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		04/22/14 09:39	04/23/14 12:06	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		04/22/14 09:39	04/23/14 12:06	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00024	mg/L		04/22/14 09:39	04/23/14 12:06	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00025	mg/L		04/22/14 09:39	04/23/14 12:06	1
Hexachlorobenzene	0.020	U	0.020	0.000085	mg/L		04/22/14 09:39	04/23/14 12:06	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		04/22/14 09:39	04/23/14 12:06	1
Hexachloroethane	0.020	U	0.020	0.00019	mg/L		04/22/14 09:39	04/23/14 12:06	1
3 & 4 Methylphenol	0.040	U	0.040	0.00080	mg/L		04/22/14 09:39	04/23/14 12:06	1
2-Methylphenol	0.0040	U	0.0040	0.00017	mg/L		04/22/14 09:39	04/23/14 12:06	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		04/22/14 09:39	04/23/14 12:06	1
Pentachlorophenol	0.040	U	0.040	0.00027	mg/L		04/22/14 09:39	04/23/14 12:06	1
Pyridine	0.020	U	0.020	0.00035	mg/L		04/22/14 09:39	04/23/14 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*27 - 110*	*04/22/14 09:39*	*04/23/14 12:06*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 110*	*04/22/14 09:39*	*04/23/14 12:06*	*1*
2,4,6-Tribromophenol (Surr)	*103*		*15 - 110*	*04/22/14 09:39*	*04/23/14 12:06*	*1*
Nitrobenzene-d5 (Surr)	*86*		*27 - 110*	*04/22/14 09:39*	*04/23/14 12:06*	*1*
Phenol-d5 (Surr)	*42*		*20 - 110*	*04/22/14 09:39*	*04/23/14 12:06*	*1*
Terphenyl-d14 (Surr)	*101*		*38 - 110*	*04/22/14 09:39*	*04/23/14 12:06*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.50	U	0.50	0.17	ug/L		04/14/14 08:16	04/15/14 13:43	1
Aroclor-1221	0.50	U	0.50	0.13	ug/L		04/14/14 08:16	04/15/14 13:43	1
Aroclor-1232	0.50	U	0.50	0.16	ug/L		04/14/14 08:16	04/15/14 13:43	1
Aroclor-1242	0.50	U	0.50	0.22	ug/L		04/14/14 08:16	04/15/14 13:43	1
Aroclor-1248	0.50	U	0.50	0.099	ug/L		04/14/14 08:16	04/15/14 13:43	1
Aroclor-1254	0.50	U	0.50	0.16	ug/L		04/14/14 08:16	04/15/14 13:43	1
Aroclor-1260	0.50	U	0.50	0.17	ug/L		04/14/14 08:16	04/15/14 13:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*23 - 136*	*04/14/14 08:16*	*04/15/14 13:43*	*1*
DCB Decachlorobiphenyl	*44*		*10 - 130*	*04/14/14 08:16*	*04/15/14 13:43*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		04/17/14 09:21	04/18/14 23:40	1
Barium	**0.043**	**J B**	10	0.00067	mg/L		04/17/14 09:21	04/18/14 23:40	1
Cadmium	0.10	U	0.10	0.00066	mg/L		04/17/14 09:21	04/18/14 23:40	1
Chromium	0.50	U	0.50	0.0022	mg/L		04/17/14 09:21	04/18/14 23:40	1
Lead	0.50	U	0.50	0.0019	mg/L		04/17/14 09:21	04/18/14 23:40	1
Selenium	0.25	U	0.25	0.0041	mg/L		04/17/14 09:21	04/18/14 23:40	1
Silver	0.50	U	0.50	0.0022	mg/L		04/17/14 09:21	04/18/14 23:40	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		04/17/14 13:45	04/18/14 12:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.00	1.00	Degrees F			04/14/14 09:54	1
Cyanide, Total	0.0077	J	0.010	0.0032	mg/L		04/22/14 11:09	04/22/14 12:13	1
Sulfide	3.0	U	3.0	0.94	mg/L		04/15/14 08:54	04/15/14 08:54	1
Corrosivity	8.27	H	0.100	0.100	SU			04/11/14 14:15	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(80-120)	(80-128)
LCS 240-126970/10	Lab Control Sample	85	89	96	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(80-120)	(80-128)
240-36054-1	S-12616-041014-DN-01	86	85	94	93
LB 240-126806/1-A MB	Method Blank	84	86	93	91

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(80-120)	(80-128)
240-36054-2	WG-12616-041014-DN-01	87	86	94	93

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(27-110)	(10-110)	(15-110)	(27-110)	(20-110)	(38-110)
LCS 240-127396/8-A	Lab Control Sample	89	69	109	88	49	98
MB 240-127396/7-A	Method Blank	76	61	96	76	45	100

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(27-110)	(10-110)	(15-110)	(27-110)	(20-110)	(38-110)
240-36054-1	S-12616-041014-DN-01	85	62	104	75	41	108
240-36054-1 MS	S-12616-041014-DN-01	81	55	100	75	41	90

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(27-110)	(10-110)	(15-110)	(27-110)	(20-110)	(38-110)
240-36054-2	WG-12616-041014-DN-01	88	63	103	86	42	101

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCB2
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
240-36054-1	S-12616-041014-DN-01	70	47
LCS 240-126315/14-A	Lab Control Sample	94	90
MB 240-126315/13-A	Method Blank	90	85

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCB2								
Lab Sample ID	Client Sample ID	(23-136)	(10-130)								
240-36054-2	WG-12616-041014-DN-01	74	44								
LCS 240-126327/8-A	Lab Control Sample	87	73								
MB 240-126327/7-A	Method Blank	81	58								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-126970/10
Matrix: Solid
Analysis Batch: 126970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1.00	0.893		mg/L		89	71 - 133
1,2-Dichloroethane	1.00	0.915		mg/L		91	80 - 120
2-Butanone (MEK)	2.00	1.67		mg/L		84	49 - 120
Benzene	1.00	0.968		mg/L		97	80 - 120
Carbon tetrachloride	1.00	0.962		mg/L		96	54 - 122
Chlorobenzene	1.00	0.942		mg/L		94	80 - 120
Chloroform	1.00	0.897		mg/L		90	80 - 123
Tetrachloroethene	1.00	1.06		mg/L		106	79 - 134
Trichloroethene	1.00	0.974		mg/L		97	78 - 130
Vinyl chloride	1.00	0.779		mg/L		78	56 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*80 - 121*
4-Bromofluorobenzene (Surr)	*89*		*70 - 124*
Toluene-d8 (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*91*		*80 - 128*

Lab Sample ID: LB 240-126806/1-A MB
Matrix: Solid
Analysis Batch: 126970

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			04/17/14 17:42	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			04/17/14 17:42	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			04/17/14 17:42	1
Benzene	0.025	U	0.025	0.0065	mg/L			04/17/14 17:42	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			04/17/14 17:42	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			04/17/14 17:42	1
Chloroform	0.025	U	0.025	0.0080	mg/L			04/17/14 17:42	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			04/17/14 17:42	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			04/17/14 17:42	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			04/17/14 17:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*80 - 121*		*04/17/14 17:42*	*1*
4-Bromofluorobenzene (Surr)	*86*		*70 - 124*		*04/17/14 17:42*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/17/14 17:42*	*1*
Dibromofluoromethane (Surr)	*91*		*80 - 128*		*04/17/14 17:42*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-127396/7-A
Matrix: Solid
Analysis Batch: 127521

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127396

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		04/22/14 09:39	04/23/14 09:39	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-127396/7-A
Matrix: Solid
Analysis Batch: 127521

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127396

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	0.020	U	0.020	0.00025	mg/L		04/22/14 09:39	04/23/14 09:39	1
Hexachlorobenzene	0.020	U	0.020	0.000085	mg/L		04/22/14 09:39	04/23/14 09:39	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		04/22/14 09:39	04/23/14 09:39	1
Hexachloroethane	0.020	U	0.020	0.00019	mg/L		04/22/14 09:39	04/23/14 09:39	1
3 & 4 Methylphenol	0.040	U	0.040	0.00080	mg/L		04/22/14 09:39	04/23/14 09:39	1
2-Methylphenol	0.0040	U	0.0040	0.00017	mg/L		04/22/14 09:39	04/23/14 09:39	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		04/22/14 09:39	04/23/14 09:39	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		04/22/14 09:39	04/23/14 09:39	1
Pentachlorophenol	0.040	U	0.040	0.00027	mg/L		04/22/14 09:39	04/23/14 09:39	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00024	mg/L		04/22/14 09:39	04/23/14 09:39	1
Pyridine	0.020	U	0.020	0.00035	mg/L		04/22/14 09:39	04/23/14 09:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*27 - 110*	*04/22/14 09:39*	*04/23/14 09:39*	*1*
2-Fluorophenol (Surr)	*61*		*10 - 110*	*04/22/14 09:39*	*04/23/14 09:39*	*1*
2,4,6-Tribromophenol (Surr)	*96*		*15 - 110*	*04/22/14 09:39*	*04/23/14 09:39*	*1*
Nitrobenzene-d5 (Surr)	*76*		*27 - 110*	*04/22/14 09:39*	*04/23/14 09:39*	*1*
Phenol-d5 (Surr)	*45*		*20 - 110*	*04/22/14 09:39*	*04/23/14 09:39*	*1*
Terphenyl-d14 (Surr)	*100*		*38 - 110*	*04/22/14 09:39*	*04/23/14 09:39*	*1*

Lab Sample ID: LCS 240-127396/8-A
Matrix: Solid
Analysis Batch: 127521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127396

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0800	0.0703		mg/L		88	16 - 110
2,4-Dinitrotoluene	0.0800	0.0805		mg/L		101	49 - 110
Hexachlorobenzene	0.0800	0.0714		mg/L		89	44 - 110
Hexachlorobutadiene	0.0800	0.0704		mg/L		88	35 - 110
Hexachloroethane	0.0800	0.0720		mg/L		90	34 - 110
3 & 4 Methylphenol	0.0800	0.0709		mg/L		89	38 - 110
2-Methylphenol	0.0800	0.0721		mg/L		90	36 - 114
Nitrobenzene	0.0800	0.0704		mg/L		88	43 - 110
2,4,5-Trichlorophenol	0.0800	0.0754		mg/L		94	35 - 110
Pentachlorophenol	0.160	0.138		mg/L		86	10 - 122
2,4,6-Trichlorophenol	0.0800	0.0762		mg/L		95	36 - 110
Pyridine	0.0800	0.0739		mg/L		92	34 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*89*		*27 - 110*
2-Fluorophenol (Surr)	*69*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*109*		*15 - 110*
Nitrobenzene-d5 (Surr)	*88*		*27 - 110*
Phenol-d5 (Surr)	*49*		*20 - 110*
Terphenyl-d14 (Surr)	*98*		*38 - 110*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-36054-1 MS
Matrix: Solid
Analysis Batch: 127521

Client Sample ID: S-12616-041014-DN-01
Prep Type: TCLP
Prep Batch: 127396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0040	U	0.0800	0.0556		mg/L		69	18 - 110
2,4-Dinitrotoluene	0.020	U	0.0800	0.0766		mg/L		96	26 - 110
Hexachlorobenzene	0.020	U	0.0800	0.0690		mg/L		86	34 - 110
Hexachlorobutadiene	0.020	U	0.0800	0.0576		mg/L		72	26 - 110
Hexachloroethane	0.020	U	0.0800	0.0543		mg/L		68	20 - 110
3 & 4 Methylphenol	0.040	U	0.0800	0.0615		mg/L		77	27 - 110
2-Methylphenol	0.0040	U	0.0800	0.0641		mg/L		80	29 - 110
Nitrobenzene	0.0040	U	0.0800	0.0607		mg/L		76	33 - 110
2,4,5-Trichlorophenol	0.020	U	0.0800	0.0742		mg/L		93	26 - 110
Pentachlorophenol	0.040	U	0.160	0.134		mg/L		84	10 - 131
2,4,6-Trichlorophenol	0.020	U	0.0800	0.0714		mg/L		89	16 - 110
Pyridine	0.020	U	0.0800	0.0593		mg/L		74	15 - 110

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*27 - 110*
2-Fluorophenol (Surr)	*55*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*100*		*15 - 110*
Nitrobenzene-d5 (Surr)	*75*		*27 - 110*
Phenol-d5 (Surr)	*41*		*20 - 110*
Terphenyl-d14 (Surr)	*90*		*38 - 110*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-126315/13-A
Matrix: Solid
Analysis Batch: 126615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	33	U	33	4.1	ug/Kg		04/14/14 07:46	04/16/14 07:55	1
Aroclor-1221	33	U	33	4.0	ug/Kg		04/14/14 07:46	04/16/14 07:55	1
Aroclor-1232	33	U	33	7.8	ug/Kg		04/14/14 07:46	04/16/14 07:55	1
Aroclor-1242	33	U	33	4.7	ug/Kg		04/14/14 07:46	04/16/14 07:55	1
Aroclor-1248	33	U	33	4.5	ug/Kg		04/14/14 07:46	04/16/14 07:55	1
Aroclor-1254	33	U	33	4.8	ug/Kg		04/14/14 07:46	04/16/14 07:55	1
Aroclor-1260	33	U	33	4.0	ug/Kg		04/14/14 07:46	04/16/14 07:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*29 - 151*	*04/14/14 07:46*	*04/16/14 07:55*	*1*
DCB Decachlorobiphenyl	*85*		*14 - 163*	*04/14/14 07:46*	*04/16/14 07:55*	*1*

Lab Sample ID: LCS 240-126315/14-A
Matrix: Solid
Analysis Batch: 126615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	287		ug/Kg		86	62 - 120
Aroclor-1260	333	287		ug/Kg		86	56 - 122

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-126315/14-A
Matrix: Solid
Analysis Batch: 126615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126315

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*94*		*29 - 151*
DCB Decachlorobiphenyl	*90*		*14 - 163*

Lab Sample ID: MB 240-126327/7-A
Matrix: Water
Analysis Batch: 126557

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126327

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.50	U	0.50	0.17	ug/L		04/14/14 08:16	04/15/14 15:13	1
Aroclor-1221	0.50	U	0.50	0.13	ug/L		04/14/14 08:16	04/15/14 15:13	1
Aroclor-1232	0.50	U	0.50	0.16	ug/L		04/14/14 08:16	04/15/14 15:13	1
Aroclor-1242	0.50	U	0.50	0.22	ug/L		04/14/14 08:16	04/15/14 15:13	1
Aroclor-1248	0.50	U	0.50	0.10	ug/L		04/14/14 08:16	04/15/14 15:13	1
Aroclor-1254	0.50	U	0.50	0.16	ug/L		04/14/14 08:16	04/15/14 15:13	1
Aroclor-1260	0.50	U	0.50	0.17	ug/L		04/14/14 08:16	04/15/14 15:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*23 - 136*	*04/14/14 08:16*	*04/15/14 15:13*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 130*	*04/14/14 08:16*	*04/15/14 15:13*	*1*

Lab Sample ID: LCS 240-126327/8-A
Matrix: Water
Analysis Batch: 126557

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126327

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			5.00	4.64		ug/L		93	66 - 120		
Aroclor-1260			5.00	4.29		ug/L		86	55 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*87*		*23 - 136*
DCB Decachlorobiphenyl	*73*		*10 - 130*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-126847/2-A
Matrix: Solid
Analysis Batch: 127187

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		04/17/14 09:20	04/18/14 22:50	1
Barium	0.00195	J	10	0.00067	mg/L		04/17/14 09:20	04/18/14 22:50	1
Cadmium	0.10	U	0.10	0.00066	mg/L		04/17/14 09:20	04/18/14 22:50	1
Chromium	0.50	U	0.50	0.0022	mg/L		04/17/14 09:20	04/18/14 22:50	1
Lead	0.50	U	0.50	0.0019	mg/L		04/17/14 09:20	04/18/14 22:50	1
Selenium	0.25	U	0.25	0.0041	mg/L		04/17/14 09:20	04/18/14 22:50	1
Silver	0.50	U	0.50	0.0022	mg/L		04/17/14 09:20	04/18/14 22:50	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-126847/3-A
Matrix: Solid
Analysis Batch: 127187

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	2.03		mg/L		102	50 - 150
Barium	2.00	1.89	J	mg/L		94	50 - 150
Cadmium	0.0500	0.0495	J	mg/L		99	50 - 150
Chromium	0.200	0.192	J	mg/L		96	50 - 150
Lead	0.500	0.463	J	mg/L		93	50 - 150
Selenium	2.00	2.05		mg/L		103	50 - 150
Silver	0.0500	0.0501	J	mg/L		100	50 - 150

Lab Sample ID: LB 240-126778/1-D
Matrix: Solid
Analysis Batch: 127187

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 126847

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		04/17/14 09:20	04/18/14 22:46	1
Barium	0.00269	J	10	0.00067	mg/L		04/17/14 09:20	04/18/14 22:46	1
Cadmium	0.10	U	0.10	0.00066	mg/L		04/17/14 09:20	04/18/14 22:46	1
Chromium	0.50	U	0.50	0.0022	mg/L		04/17/14 09:20	04/18/14 22:46	1
Lead	0.50	U	0.50	0.0019	mg/L		04/17/14 09:20	04/18/14 22:46	1
Selenium	0.25	U	0.25	0.0041	mg/L		04/17/14 09:20	04/18/14 22:46	1
Silver	0.50	U	0.50	0.0022	mg/L		04/17/14 09:20	04/18/14 22:46	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-126848/2-A
Matrix: Solid
Analysis Batch: 127131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		04/17/14 13:45	04/18/14 12:03	1

Lab Sample ID: LCS 240-126848/3-A
Matrix: Solid
Analysis Batch: 127131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00505		mg/L		101	50 - 150

Lab Sample ID: LB 240-126778/1-E
Matrix: Solid
Analysis Batch: 127131

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 126848

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		04/17/14 13:45	04/18/14 12:01	1

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-126377/1-A
Matrix: Solid
Analysis Batch: 126418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126377

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.43	U	0.43	0.087	mg/Kg		04/14/14 10:53	04/14/14 12:26	1

Lab Sample ID: LCS 240-126377/2-A
Matrix: Solid
Analysis Batch: 126418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126377

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	4.67	5.24		mg/Kg		112	68 - 123

Lab Sample ID: MB 240-127421/1-A
Matrix: Water
Analysis Batch: 127460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127421

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		04/22/14 11:09	04/22/14 12:09	1

Lab Sample ID: LCS 240-127421/2-A
Matrix: Water
Analysis Batch: 127460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127421

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0196		mg/L		117	69 - 118

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-126432/1-A
Matrix: Solid
Analysis Batch: 126434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	30	U	30	22	mg/Kg		04/14/14 15:20	04/14/14 15:30	1

Lab Sample ID: LCS 240-126432/2-A
Matrix: Solid
Analysis Batch: 126434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	85.9	76.5		mg/Kg		89	70 - 130

Lab Sample ID: MB 240-126483/1-A
Matrix: Water
Analysis Batch: 126532

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	3.0	U	3.0	0.94	mg/L		04/15/14 08:54	04/15/14 08:54	1

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: LCS 240-126483/2-A
Matrix: Water
Analysis Batch: 126532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	8.00	8.13		mg/L		102	70 - 130

Method: 9040C - pH

Lab Sample ID: LCS 240-126208/2
Matrix: Water
Analysis Batch: 126208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Corrosivity	6.47	6.560		SU		101	97 - 103

Lab Sample ID: 240-36054-2 DU
Matrix: Water
Analysis Batch: 126208

Client Sample ID: WG-12616-041014-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity	8.27	H	8.260		SU		0.1	20

Method: 9045C - pH

Lab Sample ID: 240-36054-1 DU
Matrix: Solid
Analysis Batch: 126208

Client Sample ID: S-12616-041014-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity	5.84		6.120		SU		5	20

GC/MS VOA

Leach Batch: 126806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	1311	
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	1311	
LB 240-126806/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 126970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	8260B	126806
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	8260B	126806
LB 240-126806/1-A MB	Method Blank	TCLP	Solid	8260B	126806
LCS 240-126970/10	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Leach Batch: 126778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	1311	
240-36054-1 MS	S-12616-041014-DN-01	TCLP	Solid	1311	
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	1311	

Prep Batch: 127396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	3520C	126778
240-36054-1 MS	S-12616-041014-DN-01	TCLP	Solid	3520C	126778
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	3520C	126778
LCS 240-127396/8-A	Lab Control Sample	Total/NA	Solid	3520C	
MB 240-127396/7-A	Method Blank	Total/NA	Solid	3520C	

Analysis Batch: 127521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	8270C	127396
240-36054-1 MS	S-12616-041014-DN-01	TCLP	Solid	8270C	127396
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	8270C	127396
LCS 240-127396/8-A	Lab Control Sample	Total/NA	Solid	8270C	127396
MB 240-127396/7-A	Method Blank	Total/NA	Solid	8270C	127396

GC Semi VOA

Prep Batch: 126315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	3540C	
LCS 240-126315/14-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-126315/13-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 126327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	3520C	
LCS 240-126327/8-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-126327/7-A	Method Blank	Total/NA	Water	3520C	

GC Semi VOA (Continued)

Analysis Batch: 126557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	8082	126327
LCS 240-126327/8-A	Lab Control Sample	Total/NA	Water	8082	126327
MB 240-126327/7-A	Method Blank	Total/NA	Water	8082	126327

Analysis Batch: 126615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	8082	126315
LCS 240-126315/14-A	Lab Control Sample	Total/NA	Solid	8082	126315
MB 240-126315/13-A	Method Blank	Total/NA	Solid	8082	126315

Metals

Leach Batch: 126778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	1311	
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	1311	
LB 240-126778/1-D	Method Blank	TCLP	Solid	1311	
LB 240-126778/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 126847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	3010A	126778
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	3010A	126778
LB 240-126778/1-D	Method Blank	TCLP	Solid	3010A	126778
LCS 240-126847/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 240-126847/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 126848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	7470A	126778
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	7470A	126778
LB 240-126778/1-E	Method Blank	TCLP	Solid	7470A	126778
LCS 240-126848/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 240-126848/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 127131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	7470A	126848
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	7470A	126848
LB 240-126778/1-E	Method Blank	TCLP	Solid	7470A	126848
LCS 240-126848/3-A	Lab Control Sample	Total/NA	Solid	7470A	126848
MB 240-126848/2-A	Method Blank	Total/NA	Solid	7470A	126848

Analysis Batch: 127187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	TCLP	Solid	6010B	126847
240-36054-2	WG-12616-041014-DN-01	TCLP	Water	6010B	126847
LB 240-126778/1-D	Method Blank	TCLP	Solid	6010B	126847
LCS 240-126847/3-A	Lab Control Sample	Total/NA	Solid	6010B	126847
MB 240-126847/2-A	Method Blank	Total/NA	Solid	6010B	126847

General Chemistry

Analysis Batch: 126208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	9045C	
240-36054-1 DU	S-12616-041014-DN-01	Total/NA	Solid	9045C	
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	9040C	
240-36054-2 DU	WG-12616-041014-DN-01	Total/NA	Water	9040C	
LCS 240-126208/2	Lab Control Sample	Total/NA	Water	9040C	

Prep Batch: 126377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	9012A	
LCS 240-126377/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-126377/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 126418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	9012A	126377
LCS 240-126377/2-A	Lab Control Sample	Total/NA	Solid	9012A	126377
MB 240-126377/1-A	Method Blank	Total/NA	Solid	9012A	126377

Analysis Batch: 126419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	Moisture	

Analysis Batch: 126421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	1010	
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	1010	
LCS 240-126421/1	Lab Control Sample	Total/NA	Solid	1010	

Prep Batch: 126432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	9030B	
LCS 240-126432/2-A	Lab Control Sample	Total/NA	Solid	9030B	
MB 240-126432/1-A	Method Blank	Total/NA	Solid	9030B	

Analysis Batch: 126434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-1	S-12616-041014-DN-01	Total/NA	Solid	9034	126432
LCS 240-126432/2-A	Lab Control Sample	Total/NA	Solid	9034	126432
MB 240-126432/1-A	Method Blank	Total/NA	Solid	9034	126432

Prep Batch: 126483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	9030B	
LCS 240-126483/2-A	Lab Control Sample	Total/NA	Water	9030B	
MB 240-126483/1-A	Method Blank	Total/NA	Water	9030B	

Analysis Batch: 126532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	9034	126483
LCS 240-126483/2-A	Lab Control Sample	Total/NA	Water	9034	126483
MB 240-126483/1-A	Method Blank	Total/NA	Water	9034	126483

General Chemistry (Continued)

Prep Batch: 127421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	9012A	
LCS 240-127421/2-A	Lab Control Sample	Total/NA	Water	9012A	
MB 240-127421/1-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 127460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-36054-2	WG-12616-041014-DN-01	Total/NA	Water	9012A	127421
LCS 240-127421/2-A	Lab Control Sample	Total/NA	Water	9012A	127421
MB 240-127421/1-A	Method Blank	Total/NA	Water	9012A	127421

Client Sample ID: S-12616-041014-DN-01

Lab Sample ID: 240-36054-1

Date Collected: 04/10/14 13:05

Matrix: Solid

Date Received: 04/11/14 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			126806	04/16/14 17:40	DRJ	TAL CAN
TCLP	Analysis	8260B		1	126970	04/17/14 19:33	TJL1	TAL CAN
TCLP	Leach	1311			126778	04/16/14 16:50	DRJ	TAL CAN
TCLP	Prep	3520C			127396	04/22/14 09:39	CSC	TAL CAN
TCLP	Analysis	8270C		1	127521	04/23/14 11:17	MRU	TAL CAN
Total/NA	Prep	3540C			126315	04/14/14 07:46	KEC	TAL CAN
Total/NA	Analysis	8082		1	126615	04/16/14 06:56	LSH	TAL CAN
TCLP	Leach	1311			126778	04/16/14 16:50	DRJ	TAL CAN
TCLP	Prep	3010A			126847	04/17/14 09:21	ADS	TAL CAN
TCLP	Analysis	6010B		1	127187	04/18/14 23:35	KLC	TAL CAN
TCLP	Leach	1311			126778	04/16/14 16:50	DRJ	TAL CAN
TCLP	Prep	7470A			126848	04/17/14 13:45	ADS	TAL CAN
TCLP	Analysis	7470A		1	127131	04/18/14 12:18	AMM2	TAL CAN
Total/NA	Analysis	1010		1	126421	04/14/14 12:29	TPH	TAL CAN
Total/NA	Prep	9012A			126377	04/14/14 10:53	BLW	TAL CAN
Total/NA	Analysis	9012A		1	126418	04/14/14 12:26	BLW	TAL CAN
Total/NA	Prep	9030B			126432	04/14/14 15:20	JMB	TAL CAN
Total/NA	Analysis	9034		1	126434	04/14/14 16:03	JMB	TAL CAN
Total/NA	Analysis	9045C		1	126208	04/11/14 14:15	BLW	TAL CAN
Total/NA	Analysis	Moisture		1	126419	04/14/14 13:58	BLW	TAL CAN

Client Sample ID: WG-12616-041014-DN-01

Lab Sample ID: 240-36054-2

Date Collected: 04/10/14 13:30

Matrix: Water

Date Received: 04/11/14 13:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			126806	04/16/14 17:40	DRJ	TAL CAN
TCLP	Analysis	8260B		1	126970	04/17/14 19:54	TJL1	TAL CAN
TCLP	Leach	1311			126778	04/16/14 16:50	DRJ	TAL CAN
TCLP	Prep	3520C			127396	04/22/14 09:39	CSC	TAL CAN
TCLP	Analysis	8270C		1	127521	04/23/14 12:06	MRU	TAL CAN
Total/NA	Prep	3520C			126327	04/14/14 08:16	CSC	TAL CAN
Total/NA	Analysis	8082		1	126557	04/15/14 13:43	LSH	TAL CAN
TCLP	Leach	1311			126778	04/16/14 16:50	DRJ	TAL CAN
TCLP	Prep	3010A			126847	04/17/14 09:21	ADS	TAL CAN
TCLP	Analysis	6010B		1	127187	04/18/14 23:40	KLC	TAL CAN
TCLP	Leach	1311			126778	04/16/14 16:50	DRJ	TAL CAN
TCLP	Prep	7470A			126848	04/17/14 13:45	ADS	TAL CAN
TCLP	Analysis	7470A		1	127131	04/18/14 12:20	AMM2	TAL CAN
Total/NA	Analysis	1010		1	126421	04/14/14 09:54	TPH	TAL CAN
Total/NA	Prep	9012A			127421	04/22/14 11:09	NJE	TAL CAN
Total/NA	Analysis	9012A		1	127460	04/22/14 12:13	NJE	TAL CAN
Total/NA	Analysis	9034		1	126532	04/15/14 08:54	WAL	TAL CAN
Total/NA	Prep	9030B			126483	04/15/14 08:54	WAL	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Client Sample ID: WG-12616-041014-DN-01
Date Collected: 04/10/14 13:30
Date Received: 04/11/14 13:30

Lab Sample ID: 240-36054-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9040C		1	126208	04/11/14 14:15	BLW	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-008, Racer Elyria

TestAmerica Job ID: 240-36054-1

Laboratory: TestAmerica Canton

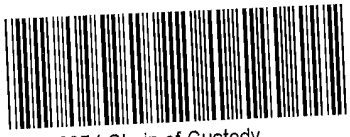
All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14
Kansas	NELAP	7	E-10336	03-31-14 *
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-36054 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 tel 330.497.9396 fax 330.497.0772 www.testamericainc.com

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4142 (0408)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	4·10·14	010366
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Heckler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER			
Contract/Purchase Order/Quote No.			
12616-T02-00IY14			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCLP VOC	TCLP SVOC	TCLP Metals	PCBs	TCLP Vol. Lawyer	TCLP Non-Vol.	Reactivity, Cn+s	Corrosivity	Ignitability (% Moisture)
S-12616-041014-DN-01	4·10·14	1305				X							X	X	X	X	X	X	X	X	X
WG-12616-041014-DN-01	4·10·14	1330		X									X	X	X	X	X	X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: D. Newton	4·11·14	1330	1. Received By	4-11-14	0330
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: SSOW # 12616-T02-008

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 300054
Canton Facility

Client CRA Site Name _____ Cooler unpacked by:

Cooler Received on 4/11/14 Opened on 4/11/14

FedEx: 1st Grd Exp UPS FAS Stetson ~~Client Drop Off~~ TestAmerica Courier Other _____

TestAmerica Cooler # A592 Foam Box Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C)	Observed Cooler Temp. 4.8 °C	Corrected Cooler Temp. 4.8 °C	☐ See Multiple Cooler Form
IR GUN# 4	(CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 5	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes (No)
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No (NA)
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? Yes (No)
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? (Yes) No NA pH Strip Lot# HC391902
11. Were VOAs on the COC? Yes (No)
12. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
WG-12616-041014-DN-01	240-36054-A-2	Plastic 500ml - with Nitric Acid	<2	_____	_____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-37693-1
Client Project/Site: 12616-T01-001, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
6/5/2014 3:44:25 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-37693-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T01-001, Racer Elyria

Report Number: 240-37693-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 05/23/2014; the samples arrived in good condition, properly preserved and on ice.

DISSOLVED METALS (ICP)

Sample WG-12616-051914-DN-01 (240-37693-1) was analyzed for dissolved metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 05/28/2014 and analyzed on 05/29/2014.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples WG-12616-051914-DN-01 (240-37693-1), WG-12616-052014-DN-02 (240-37693-2), WG-12616-052014-DN-03 (240-37693-3), WG-12616-052014-DN-04 (240-37693-4), WG-12616-052014-DN-05 (240-37693-5), WG-12616-052014-DN-06 (240-37693-6), WG-12616-052114-DN-07 (240-37693-7), WG-12616-052114-DN-08 (240-37693-8), WG-12616-052114-DN-09 (240-37693-9), WG-12616-052114-DN-10 (240-37693-10), WG-12616-052114-DN-11 (240-37693-11), WG-12616-052114-DN-12 (240-37693-12), WG-12616-052114-DN-13 (240-37693-13), WG-12616-052114-DN-14 (240-37693-14), WG-12616-052214-DN-15 (240-37693-15), WG-12616-052214-DN-16 (240-37693-16), WG-12616-052214-DN-17 (240-37693-17), WG-12616-052214-DN-18 (240-37693-18),

Job ID: 240-37693-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

WG-12616-052214-DN-19 (240-37693-19), WG-12616-052314-DN-20 (240-37693-20), WG-12616-052314-DN-21 (240-37693-21), WG-12616-052314-DN-22 (240-37693-22), WG-12616-052314-DN-23 (240-37693-23), WG-12616-052314-DN-24 (240-37693-24), WG-12616-052314-DN-25 (240-37693-25), WG-12616-052314-DN-26 (240-37693-26), WG-12616-052314-DN-27 (240-37693-27) and RB-12616-052314-DN-28 (240-37693-28) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 05/28/2014 and analyzed on 05/29/2014.

Barium, Calcium and Magnesium were detected in method blank MB 240-132268/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Potassium was detected in method blank MB 240-132270/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Samples WG-12616-052314-DN-20 (240-37693-20)[10X], WG-12616-052314-DN-21 (240-37693-21)[10X], WG-12616-052314-DN-22 (240-37693-22)[10X], WG-12616-052314-DN-23 (240-37693-23)[5X], WG-12616-052314-DN-24 (240-37693-24)[5X] and WG-12616-052314-DN-25 (240-37693-25)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

ANIONS

Samples WG-12616-051914-DN-01 (240-37693-1), WG-12616-052014-DN-02 (240-37693-2), WG-12616-052014-DN-03 (240-37693-3), WG-12616-052014-DN-04 (240-37693-4), WG-12616-052014-DN-05 (240-37693-5), WG-12616-052014-DN-06 (240-37693-6), WG-12616-052114-DN-07 (240-37693-7), WG-12616-052114-DN-08 (240-37693-8), WG-12616-052114-DN-09 (240-37693-9), WG-12616-052114-DN-10 (240-37693-10), WG-12616-052114-DN-11 (240-37693-11), WG-12616-052114-DN-12 (240-37693-12), WG-12616-052114-DN-13 (240-37693-13), WG-12616-052114-DN-14 (240-37693-14), WG-12616-052214-DN-15 (240-37693-15), WG-12616-052214-DN-16 (240-37693-16), WG-12616-052214-DN-17 (240-37693-17), WG-12616-052214-DN-18 (240-37693-18), WG-12616-052214-DN-19 (240-37693-19), WG-12616-052314-DN-20 (240-37693-20), WG-12616-052314-DN-21 (240-37693-21), WG-12616-052314-DN-22 (240-37693-22), WG-12616-052314-DN-23 (240-37693-23), WG-12616-052314-DN-24 (240-37693-24), WG-12616-052314-DN-25 (240-37693-25), WG-12616-052314-DN-26 (240-37693-26), WG-12616-052314-DN-27 (240-37693-27) and RB-12616-052314-DN-28 (240-37693-28) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 05/29/2014, 05/30/2014 and 06/02/2014.

Sulfate failed the recovery criteria low for the MS/MSD of sample WG-12616-052114-DN-10 (240-37693-10) in batch 240-132558.

Samples WG-12616-051914-DN-01 (240-37693-1)[5X], WG-12616-052014-DN-02 (240-37693-2)[5X], WG-12616-052014-DN-03 (240-37693-3)[5X], WG-12616-052014-DN-04 (240-37693-4)[5X], WG-12616-052014-DN-05 (240-37693-5)[5X], WG-12616-052014-DN-06 (240-37693-6)[5X], WG-12616-052114-DN-07 (240-37693-7)[5X], WG-12616-052114-DN-08 (240-37693-8)[5X], WG-12616-052114-DN-09 (240-37693-9)[5X], WG-12616-052114-DN-10 (240-37693-10)[5X], WG-12616-052114-DN-11 (240-37693-11)[5X], WG-12616-052114-DN-12 (240-37693-12)[5X], WG-12616-052114-DN-13 (240-37693-13)[5X], WG-12616-052114-DN-14 (240-37693-14)[5X], WG-12616-052214-DN-15 (240-37693-15)[5X], WG-12616-052214-DN-16 (240-37693-16)[5X], WG-12616-052214-DN-17 (240-37693-17)[5X], WG-12616-052214-DN-18 (240-37693-18)[5X], WG-12616-052214-DN-19 (240-37693-19)[5X], WG-12616-052314-DN-20 (240-37693-20)[50X], WG-12616-052314-DN-21 (240-37693-21)[50X], WG-12616-052314-DN-22 (240-37693-22)[50X], WG-12616-052314-DN-23 (240-37693-23)[20X], WG-12616-052314-DN-23 (240-37693-23)[5X], WG-12616-052314-DN-24 (240-37693-24)[20X], WG-12616-052314-DN-24 (240-37693-24)[5X], WG-12616-052314-DN-25 (240-37693-25)[25X], WG-12616-052314-DN-25 (240-37693-25)[5X], WG-12616-052314-DN-26 (240-37693-26)[10X], WG-12616-052314-DN-26 (240-37693-26)[5X], WG-12616-052314-DN-27 (240-37693-27)[10X] and WG-12616-052314-DN-27 (240-37693-27)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the anions analysis.

All other quality control parameters were within the acceptance limits.

Job ID: 240-37693-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

TOTAL CYANIDE

Samples WG-12616-051914-DN-01 (240-37693-1), WG-12616-052014-DN-02 (240-37693-2), WG-12616-052014-DN-03 (240-37693-3), WG-12616-052014-DN-04 (240-37693-4), WG-12616-052014-DN-05 (240-37693-5), WG-12616-052014-DN-06 (240-37693-6), WG-12616-052114-DN-07 (240-37693-7), WG-12616-052114-DN-08 (240-37693-8), WG-12616-052114-DN-09 (240-37693-9), WG-12616-052114-DN-10 (240-37693-10), WG-12616-052114-DN-11 (240-37693-11), WG-12616-052114-DN-12 (240-37693-12), WG-12616-052114-DN-13 (240-37693-13), WG-12616-052114-DN-14 (240-37693-14), WG-12616-052214-DN-15 (240-37693-15), WG-12616-052214-DN-16 (240-37693-16), WG-12616-052214-DN-17 (240-37693-17), WG-12616-052214-DN-18 (240-37693-18), WG-12616-052214-DN-19 (240-37693-19), WG-12616-052314-DN-20 (240-37693-20), WG-12616-052314-DN-21 (240-37693-21), WG-12616-052314-DN-22 (240-37693-22), WG-12616-052314-DN-23 (240-37693-23), WG-12616-052314-DN-24 (240-37693-24), WG-12616-052314-DN-25 (240-37693-25), WG-12616-052314-DN-26 (240-37693-26), WG-12616-052314-DN-27 (240-37693-27) and RB-12616-052314-DN-28 (240-37693-28) were analyzed for total cyanide in accordance with EPA Method 335.2. The samples were prepared and analyzed on 05/31/2014, 06/03/2014, 06/04/2014 and 06/05/2014.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL CAN
300.0	Anions, Ion Chromatography	MCAWW	TAL CAN
335.2	Cyanide, Total	MCAWW	TAL CAN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-37693-1	WG-12616-051914-DN-01	Water	05/19/14 16:00	05/23/14 15:15
240-37693-2	WG-12616-052014-DN-02	Water	05/20/14 10:20	05/23/14 15:15
240-37693-3	WG-12616-052014-DN-03	Water	05/20/14 11:40	05/23/14 15:15
240-37693-4	WG-12616-052014-DN-04	Water	05/20/14 16:00	05/23/14 15:15
240-37693-5	WG-12616-052014-DN-05	Water	05/20/14 17:35	05/23/14 15:15
240-37693-6	WG-12616-052014-DN-06	Water	05/20/14 18:50	05/23/14 15:15
240-37693-7	WG-12616-052114-DN-07	Water	05/21/14 08:30	05/23/14 15:15
240-37693-8	WG-12616-052114-DN-08	Water	05/21/14 10:05	05/23/14 15:15
240-37693-9	WG-12616-052114-DN-09	Water	05/21/14 11:55	05/23/14 15:15
240-37693-10	WG-12616-052114-DN-10	Water	05/21/14 14:05	05/23/14 15:15
240-37693-11	WG-12616-052114-DN-11	Water	05/21/14 14:50	05/23/14 15:15
240-37693-12	WG-12616-052114-DN-12	Water	05/21/14 16:05	05/23/14 15:15
240-37693-13	WG-12616-052114-DN-13	Water	05/21/14 17:15	05/23/14 15:15
240-37693-14	WG-12616-052114-DN-14	Water	05/21/14 18:25	05/23/14 15:15
240-37693-15	WG-12616-052214-DN-15	Water	05/22/14 07:55	05/23/14 15:15
240-37693-16	WG-12616-052214-DN-16	Water	05/22/14 09:20	05/23/14 15:15
240-37693-17	WG-12616-052214-DN-17	Water	05/22/14 13:45	05/23/14 15:15
240-37693-18	WG-12616-052214-DN-18	Water	05/22/14 15:25	05/23/14 15:15
240-37693-19	WG-12616-052214-DN-19	Water	05/22/14 16:50	05/23/14 15:15
240-37693-20	WG-12616-052314-DN-20	Water	05/23/14 07:35	05/23/14 15:15
240-37693-21	WG-12616-052314-DN-21	Water	05/23/14 08:05	05/23/14 15:15
240-37693-22	WG-12616-052314-DN-22	Water	05/23/14 08:40	05/23/14 15:15
240-37693-23	WG-12616-052314-DN-23	Water	05/23/14 09:15	05/23/14 15:15
240-37693-24	WG-12616-052314-DN-24	Water	05/23/14 10:25	05/23/14 15:15
240-37693-25	WG-12616-052314-DN-25	Water	05/23/14 11:15	05/23/14 15:15
240-37693-26	WG-12616-052314-DN-26	Water	05/23/14 12:10	05/23/14 15:15
240-37693-27	WG-12616-052314-DN-27	Water	05/23/14 13:15	05/23/14 15:15
240-37693-28	RB-12616-052314-DN-28	Water	05/23/14 13:45	05/23/14 15:15

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-051914-DN-01 — Lab Sample ID: 240-37693-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	58	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	120000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	4400		100	81	ug/L	1		6010B	Total Recoverable
Potassium	1600	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	25000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	130		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	6100		5000	590	ug/L	1		6010B	Total Recoverable
Barium	58	J	200	0.67	ug/L	1		6010B	Dissolved
Calcium	130000		5000	130	ug/L	1		6010B	Dissolved
Iron	2100		100	81	ug/L	1		6010B	Dissolved
Potassium	1500	J B	5000	72	ug/L	1		6010B	Dissolved
Magnesium	26000		5000	34	ug/L	1		6010B	Dissolved
Manganese	130		15	0.96	ug/L	1		6010B	Dissolved
Sodium	6300		5000	590	ug/L	1		6010B	Dissolved
Chloride	6.1		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	45		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052014-DN-02 — Lab Sample ID: 240-37693-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	16	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	100000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	240		100	81	ug/L	1		6010B	Total Recoverable
Potassium	1100	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	19000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	610		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	14000		5000	590	ug/L	1		6010B	Total Recoverable
Chloride	3.2		1.0	0.10	mg/L	1		300.0	Total/NA
Sulfate	24		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052014-DN-03 — Lab Sample ID: 240-37693-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	50	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	78000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	520		100	81	ug/L	1		6010B	Total Recoverable
Potassium	6300	B	5000	72	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052014-DN-03 (Continued) — Lab Sample ID: 240-37693-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	32000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	470		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	14000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	4.8	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	18		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	72		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052014-DN-04 — Lab Sample ID: 240-37693-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	71	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	78000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	120		100	81	ug/L	1		6010B	Total Recoverable
Potassium	3500	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	16000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	37		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	180000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	8.4	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	150		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	27		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052014-DN-05 — Lab Sample ID: 240-37693-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	18	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	46000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	600		100	81	ug/L	1		6010B	Total Recoverable
Potassium	4400	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	14000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	37		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	220000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	41		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	99		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	36		5.0	0.60	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-06 — Lab Sample ID: 240-37693-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	40	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	220000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	660		100	81	ug/L	1		6010B	Total Recoverable
Potassium	2600	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	55000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	1300		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	120000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	350		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	67		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	480		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-07 — Lab Sample ID: 240-37693-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	36	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	240000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	7800		100	81	ug/L	1		6010B	Total Recoverable
Potassium	2400	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	70000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	530		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	69000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	41		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	20		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	650		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-08 — Lab Sample ID: 240-37693-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	20	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	220000		5000	130	ug/L	1		6010B	Total Recoverable
Potassium	1500	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	58000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	5.6	J	15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	76000		5000	590	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052114-DN-08 (Continued) — Lab Sample ID: 240-37693-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	18	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	6.6		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	610		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-09 — Lab Sample ID: 240-37693-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	58	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	140000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	170		100	81	ug/L	1		6010B	Total Recoverable
Potassium	4600	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	51000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	250		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	110000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	7.5	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	39		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	370		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-10 — Lab Sample ID: 240-37693-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	17	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	270000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	190		100	81	ug/L	1		6010B	Total Recoverable
Potassium	1300	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	110000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	98		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	49000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	7.8	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	120		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	890		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-11 — Lab Sample ID: 240-37693-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	18	J	200	0.67	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052114-DN-11 (Continued) — Lab Sample ID: 240-37693-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	290000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	270		100	81	ug/L	1		6010B	Total Recoverable
Potassium	1400	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	110000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	150		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	53000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	8.6	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	120		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	890		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-12 — Lab Sample ID: 240-37693-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	26	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	23000		5000	130	ug/L	1		6010B	Total Recoverable
Potassium	4500	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	14000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	21		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	310000		5000	590	ug/L	1		6010B	Total Recoverable
Chloride	31		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	120		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052114-DN-13 — Lab Sample ID: 240-37693-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	28	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	160000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	96	J	100	81	ug/L	1		6010B	Total Recoverable
Potassium	2000	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	87000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	260		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	180000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	6.5	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	8.8		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	750		5.0	0.60	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-14 — Lab Sample ID: 240-37693-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	33	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	48000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	340		100	81	ug/L	1		6010B	Total Recoverable
Potassium	6500	B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	15000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	64		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	160000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	34	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	21		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	100		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052214-DN-15 — Lab Sample ID: 240-37693-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	5.1	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	7200		5000	130	ug/L	1		6010B	Total Recoverable
Potassium	3900	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	2100	J	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	35		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	330000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	230		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	35		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	200		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052214-DN-16 — Lab Sample ID: 240-37693-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	69	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	200000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	4700		100	81	ug/L	1		6010B	Total Recoverable
Potassium	2400	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	43000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	770		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	19000		5000	590	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052214-DN-16 (Continued) — Lab Sample ID: 240-37693-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	10	J	40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	10		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	250		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052214-DN-17 — Lab Sample ID: 240-37693-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	86	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	140000		5000	130	ug/L	1		6010B	Total Recoverable
Iron	3900		100	81	ug/L	1		6010B	Total Recoverable
Potassium	3300	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	26000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	1300		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	13000		5000	590	ug/L	1		6010B	Total Recoverable
Chloride	5.2		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	65		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052214-DN-18 — Lab Sample ID: 240-37693-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	71	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	130000		5000	130	ug/L	1		6010B	Total Recoverable
Potassium	2400	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	31000		5000	34	ug/L	1		6010B	Total Recoverable
Manganese	31		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	54000		5000	590	ug/L	1		6010B	Total Recoverable
Chloride	11		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	97		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052214-DN-19 — Lab Sample ID: 240-37693-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	19	J	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	49000		5000	130	ug/L	1		6010B	Total Recoverable
Potassium	4900	J B	5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	13000		5000	34	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052214-DN-19 (Continued) — Lab Sample ID: 240-37693-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	52		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	140000		5000	590	ug/L	1		6010B	Total Recoverable
Chloride	18		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	63		5.0	0.60	mg/L	5		300.0	Total/NA

Client Sample ID: WG-12616-052314-DN-20 — Lab Sample ID: 240-37693-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	36	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	120000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	18		5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	1300		100	81	ug/L	1		6010B	Total Recoverable
Potassium	4000000		50000	720	ug/L	10		6010B	Total Recoverable
Magnesium	14000	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	610		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	500000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	2700		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	1000		50	5.0	mg/L	50		300.0	Total/NA
Sulfate	5500		50	6.0	mg/L	50		300.0	Total/NA

Client Sample ID: WG-12616-052314-DN-21 — Lab Sample ID: 240-37693-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	28	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	56000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	9.9		5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	360		100	81	ug/L	1		6010B	Total Recoverable
Potassium	4300000		50000	720	ug/L	10		6010B	Total Recoverable
Magnesium	8500	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	420		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	650000		50000	5900	ug/L	10		6010B	Total Recoverable
Nickel	2500		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	1200		50	5.0	mg/L	50		300.0	Total/NA
Sulfate	5700		50	6.0	mg/L	50		300.0	Total/NA
Cyanide, Total	0.0052	J	0.010	0.0032	mg/L	1		335.2	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-22 — Lab Sample ID: 240-37693-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	31	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	39000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	160		5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	2100		100	81	ug/L	1		6010B	Total Recoverable
Potassium	4500000		50000	720	ug/L	10		6010B	Total Recoverable
Magnesium	3500	J B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	210		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	640000		50000	5900	ug/L	10		6010B	Total Recoverable
Nickel	2600		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	1200		50	5.0	mg/L	50		300.0	Total/NA
Sulfate	7200		50	6.0	mg/L	50		300.0	Total/NA
Cyanide, Total	0.0057	J	0.010	0.0032	mg/L	1		335.2	Total/NA

Client Sample ID: WG-12616-052314-DN-23 — Lab Sample ID: 240-37693-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	51	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	150000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	21		5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	1200		100	81	ug/L	1		6010B	Total Recoverable
Potassium	2400000		25000	360	ug/L	5		6010B	Total Recoverable
Magnesium	7800	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	500		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	400000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	1700		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	750		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	3500		20	2.4	mg/L	20		300.0	Total/NA
Cyanide, Total	0.0034	J	0.010	0.0032	mg/L	1		335.2	Total/NA

Client Sample ID: WG-12616-052314-DN-24 — Lab Sample ID: 240-37693-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	110	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	200000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	10		5.0	2.2	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052314-DN-24 (Continued)

Lab Sample ID: 240-37693-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	340		100	81	ug/L	1		6010B	Total Recoverable
Potassium	1800000		25000	360	ug/L	5		6010B	Total Recoverable
Magnesium	23000	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	200		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	280000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	1300		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	550		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	2700		20	2.4	mg/L	20		300.0	Total/NA

Client Sample ID: WG-12616-052314-DN-25

Lab Sample ID: 240-37693-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	100	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	190000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	12		5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	720		100	81	ug/L	1		6010B	Total Recoverable
Potassium	2200000		25000	360	ug/L	5		6010B	Total Recoverable
Magnesium	21000	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	780		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	330000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	1600		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	710		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	3300		25	3.0	mg/L	25		300.0	Total/NA

Client Sample ID: WG-12616-052314-DN-26

Lab Sample ID: 240-37693-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	17	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	370000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	4.8	J	5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	350		100	81	ug/L	1		6010B	Total Recoverable
Potassium	350000		5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	95000	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	390		15	0.96	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WG-12616-052314-DN-26 (Continued)

Lab Sample ID: 240-37693-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	130000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	680		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	200		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	1600		10	1.2	mg/L	10		300.0	Total/NA

Client Sample ID: WG-12616-052314-DN-27

Lab Sample ID: 240-37693-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	73	J B	200	0.67	ug/L	1		6010B	Total Recoverable
Calcium	380000	B	5000	130	ug/L	1		6010B	Total Recoverable
Chromium	3.1	J	5.0	2.2	ug/L	1		6010B	Total Recoverable
Iron	13000		100	81	ug/L	1		6010B	Total Recoverable
Potassium	300000		5000	72	ug/L	1		6010B	Total Recoverable
Magnesium	92000	B	5000	34	ug/L	1		6010B	Total Recoverable
Manganese	7100		15	0.96	ug/L	1		6010B	Total Recoverable
Sodium	120000		5000	590	ug/L	1		6010B	Total Recoverable
Nickel	640		40	3.2	ug/L	1		6010B	Total Recoverable
Chloride	230		5.0	0.50	mg/L	5		300.0	Total/NA
Sulfate	1500		10	1.2	mg/L	10		300.0	Total/NA

Client Sample ID: RB-12616-052314-DN-28

Lab Sample ID: 240-37693-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1900	J	5000	72	ug/L	1		6010B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-051914-DN-01
Date Collected: 05/19/14 16:00
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-1
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**58**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 14:49	1
Calcium	**120000**		5000	130	ug/L		05/28/14 08:43	05/29/14 14:49	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 14:49	1
Iron	**4400**		100	81	ug/L		05/28/14 08:43	05/29/14 14:49	1
Potassium	**1600**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 14:49	1
Magnesium	**25000**		5000	34	ug/L		05/28/14 08:43	05/29/14 14:49	1
Manganese	**130**		15	0.96	ug/L		05/28/14 08:43	05/29/14 14:49	1
Sodium	**6100**		5000	590	ug/L		05/28/14 08:43	05/29/14 14:49	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 14:49	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-051914-DN-01
Date Collected: 05/19/14 16:00
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-1
Matrix: Water

Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**58**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 14:53	1
Calcium	**130000**		5000	130	ug/L		05/28/14 08:43	05/29/14 14:53	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 14:53	1
Iron	**2100**		100	81	ug/L		05/28/14 08:43	05/29/14 14:53	1
Potassium	**1500**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 14:53	1
Magnesium	**26000**		5000	34	ug/L		05/28/14 08:43	05/29/14 14:53	1
Manganese	**130**		15	0.96	ug/L		05/28/14 08:43	05/29/14 14:53	1
Sodium	**6300**		5000	590	ug/L		05/28/14 08:43	05/29/14 14:53	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 14:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-051914-DN-01
Date Collected: 05/19/14 16:00
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.1**		5.0	0.50	mg/L			05/29/14 19:09	5
Sulfate	**45**		5.0	0.60	mg/L			05/29/14 19:09	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		05/31/14 09:55	05/31/14 11:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-02
Date Collected: 05/20/14 10:20
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-2
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**16**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 14:57	1
Calcium	**100000**		5000	130	ug/L		05/28/14 08:43	05/29/14 14:57	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 14:57	1
Iron	**240**		100	81	ug/L		05/28/14 08:43	05/29/14 14:57	1
Potassium	**1100**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 14:57	1
Magnesium	**19000**		5000	34	ug/L		05/28/14 08:43	05/29/14 14:57	1
Manganese	**610**		15	0.96	ug/L		05/28/14 08:43	05/29/14 14:57	1
Sodium	**14000**		5000	590	ug/L		05/28/14 08:43	05/29/14 14:57	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 14:57	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-02
Date Collected: 05/20/14 10:20
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-2
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**		1.0	0.10	mg/L			05/30/14 17:44	1
Sulfate	**24**		5.0	0.60	mg/L			05/29/14 19:27	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		05/31/14 09:55	05/31/14 11:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-03
Date Collected: 05/20/14 11:40
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-3
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**50**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:01	1
Calcium	**78000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:01	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:01	1
Iron	**520**		100	81	ug/L		05/28/14 08:43	05/29/14 15:01	1
Potassium	**6300**	**B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:01	1
Magnesium	**32000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:01	1
Manganese	**470**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:01	1
Sodium	**14000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:01	1
Nickel	**4.8**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-03
Date Collected: 05/20/14 11:40
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-3
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		5.0	0.50	mg/L			05/29/14 19:45	5
Sulfate	**72**		5.0	0.60	mg/L			05/29/14 19:45	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		05/31/14 09:55	05/31/14 11:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-04
Date Collected: 05/20/14 16:00
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-4
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**71**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:05	1
Calcium	**78000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:05	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:05	1
Iron	**120**		100	81	ug/L		05/28/14 08:43	05/29/14 15:05	1
Potassium	**3500**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:05	1
Magnesium	**16000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:05	1
Manganese	**37**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:05	1
Sodium	**180000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:05	1
Nickel	**8.4**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:05	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-04
Lab Sample ID: 240-37693-4
Date Collected: 05/20/14 16:00
Matrix: Water
Date Received: 05/23/14 15:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		5.0	0.50	mg/L			05/29/14 20:41	5
Sulfate	**27**		5.0	0.60	mg/L			05/29/14 20:41	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 08:15	06/03/14 09:27	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-05
Date Collected: 05/20/14 17:35
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-5
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**18**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:09	1
Calcium	**46000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:09	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:09	1
Iron	**600**		100	81	ug/L		05/28/14 08:43	05/29/14 15:09	1
Potassium	**4400**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:09	1
Magnesium	**14000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:09	1
Manganese	**37**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:09	1
Sodium	**220000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:09	1
Nickel	**41**		40	3.2	ug/L		05/28/14 08:43	05/29/14 15:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-05
Lab Sample ID: 240-37693-5
Date Collected: 05/20/14 17:35
Matrix: Water
Date Received: 05/23/14 15:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99**		5.0	0.50	mg/L			05/29/14 20:59	5
Sulfate	**36**		5.0	0.60	mg/L			05/29/14 20:59	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 08:15	06/03/14 09:27	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-06
Date Collected: 05/20/14 18:50
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-6
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**40**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:13	1
Calcium	**220000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:13	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:13	1
Iron	**660**		100	81	ug/L		05/28/14 08:43	05/29/14 15:13	1
Potassium	**2600**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:13	1
Magnesium	**55000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:13	1
Manganese	**1300**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:13	1
Sodium	**120000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:13	1
Nickel	**350**		40	3.2	ug/L		05/28/14 08:43	05/29/14 15:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052014-DN-06
Date Collected: 05/20/14 18:50
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-6
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67**		5.0	0.50	mg/L			05/29/14 22:31	5
Sulfate	**480**		5.0	0.60	mg/L			05/29/14 22:31	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 08:15	06/03/14 09:27	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-07
Date Collected: 05/21/14 08:30
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-7
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**36**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:25	1
Calcium	**240000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:25	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:25	1
Iron	**7800**		100	81	ug/L		05/28/14 08:43	05/29/14 15:25	1
Potassium	**2400**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:25	1
Magnesium	**70000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:25	1
Manganese	**530**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:25	1
Sodium	**69000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:25	1
Nickel	**41**		40	3.2	ug/L		05/28/14 08:43	05/29/14 15:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-07
Date Collected: 05/21/14 08:30
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-7
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		5.0	0.50	mg/L			05/29/14 22:50	5
Sulfate	**650**		5.0	0.60	mg/L			05/29/14 22:50	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-08
Date Collected: 05/21/14 10:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-8
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**20**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:29	1
Calcium	**220000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:29	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:29	1
Iron	100	U	100	81	ug/L		05/28/14 08:43	05/29/14 15:29	1
Potassium	**1500**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:29	1
Magnesium	**58000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:29	1
Manganese	**5.6**	**J**	15	0.96	ug/L		05/28/14 08:43	05/29/14 15:29	1
Sodium	**76000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:29	1
Nickel	**18**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-08
Date Collected: 05/21/14 10:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-8
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.6**		5.0	0.50	mg/L			05/29/14 23:08	5
Sulfate	**610**		5.0	0.60	mg/L			05/29/14 23:08	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-09
Lab Sample ID: 240-37693-9
Date Collected: 05/21/14 11:55
Matrix: Water
Date Received: 05/23/14 15:15

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**58**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:33	1
Calcium	**140000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:33	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:33	1
Iron	**170**		100	81	ug/L		05/28/14 08:43	05/29/14 15:33	1
Potassium	**4600**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:33	1
Magnesium	**51000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:33	1
Manganese	**250**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:33	1
Sodium	**110000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:33	1
Nickel	**7.5**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-09
Date Collected: 05/21/14 11:55
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-9
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39**		5.0	0.50	mg/L			05/29/14 23:26	5
Sulfate	**370**		5.0	0.60	mg/L			05/29/14 23:26	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 15:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-10
Date Collected: 05/21/14 14:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-10
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**17**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:37	1
Calcium	**270000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:37	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:37	1
Iron	**190**		100	81	ug/L		05/28/14 08:43	05/29/14 15:37	1
Potassium	**1300**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:37	1
Magnesium	**110000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:37	1
Manganese	**98**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:37	1
Sodium	**49000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:37	1
Nickel	**7.8**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:37	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-10
Date Collected: 05/21/14 14:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-10
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		5.0	0.50	mg/L			05/29/14 23:45	5
Sulfate	**890**		5.0	0.60	mg/L			05/29/14 23:45	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-11
Lab Sample ID: 240-37693-11
Date Collected: 05/21/14 14:50
Matrix: Water
Date Received: 05/23/14 15:15

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**18**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:41	1
Calcium	**290000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:41	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:41	1
Iron	**270**		100	81	ug/L		05/28/14 08:43	05/29/14 15:41	1
Potassium	**1400**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:41	1
Magnesium	**110000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:41	1
Manganese	**150**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:41	1
Sodium	**53000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:41	1
Nickel	**8.6**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:41	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-11
Date Collected: 05/21/14 14:50
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-11
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		5.0	0.50	mg/L			05/30/14 00:40	5
Sulfate	**890**		5.0	0.60	mg/L			05/30/14 00:40	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-12
Date Collected: 05/21/14 16:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-12
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**26**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:46	1
Calcium	**23000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:46	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:46	1
Iron	100	U	100	81	ug/L		05/28/14 08:43	05/29/14 15:46	1
Potassium	**4500**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:46	1
Magnesium	**14000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:46	1
Manganese	**21**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:46	1
Sodium	**310000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:46	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-12
Date Collected: 05/21/14 16:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-12
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		5.0	0.50	mg/L			05/30/14 01:35	5
Sulfate	**120**		5.0	0.60	mg/L			05/30/14 01:35	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-13
Date Collected: 05/21/14 17:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-13
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**28**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:50	1
Calcium	**160000**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:50	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:50	1
Iron	**96**	**J**	100	81	ug/L		05/28/14 08:43	05/29/14 15:50	1
Potassium	**2000**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:50	1
Magnesium	**87000**		5000	34	ug/L		05/28/14 08:43	05/29/14 15:50	1
Manganese	**260**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:50	1
Sodium	**180000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:50	1
Nickel	**6.5**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-13
Date Collected: 05/21/14 17:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-13
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.8**		5.0	0.50	mg/L			05/30/14 01:54	5
Sulfate	**750**		5.0	0.60	mg/L			05/30/14 01:54	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-14
Date Collected: 05/21/14 18:25
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-14
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	33	J	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:54	1
Calcium	48000		5000	130	ug/L		05/28/14 08:43	05/29/14 15:54	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:54	1
Iron	340		100	81	ug/L		05/28/14 08:43	05/29/14 15:54	1
Potassium	6500	B	5000	72	ug/L		05/28/14 08:43	05/29/14 15:54	1
Magnesium	15000		5000	34	ug/L		05/28/14 08:43	05/29/14 15:54	1
Manganese	64		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:54	1
Sodium	160000		5000	590	ug/L		05/28/14 08:43	05/29/14 15:54	1
Nickel	34	J	40	3.2	ug/L		05/28/14 08:43	05/29/14 15:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052114-DN-14
Date Collected: 05/21/14 18:25
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-14
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		5.0	0.50	mg/L			05/30/14 02:12	5
Sulfate	**100**		5.0	0.60	mg/L			05/30/14 02:12	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-15
Lab Sample ID: 240-37693-15
Date Collected: 05/22/14 07:55
Matrix: Water
Date Received: 05/23/14 15:15

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**5.1**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 15:58	1
Calcium	**7200**		5000	130	ug/L		05/28/14 08:43	05/29/14 15:58	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 15:58	1
Iron	100	U	100	81	ug/L		05/28/14 08:43	05/29/14 15:58	1
Potassium	**3900**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 15:58	1
Magnesium	**2100**	**J**	5000	34	ug/L		05/28/14 08:43	05/29/14 15:58	1
Manganese	**35**		15	0.96	ug/L		05/28/14 08:43	05/29/14 15:58	1
Sodium	**330000**		5000	590	ug/L		05/28/14 08:43	05/29/14 15:58	1
Nickel	**230**		40	3.2	ug/L		05/28/14 08:43	05/29/14 15:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-15
Date Collected: 05/22/14 07:55
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-15
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35**		5.0	0.50	mg/L			05/30/14 02:30	5
Sulfate	**200**		5.0	0.60	mg/L			05/30/14 02:30	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-16
Date Collected: 05/22/14 09:20
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-16
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**69**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 16:02	1
Calcium	**200000**		5000	130	ug/L		05/28/14 08:43	05/29/14 16:02	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 16:02	1
Iron	**4700**		100	81	ug/L		05/28/14 08:43	05/29/14 16:02	1
Potassium	**2400**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 16:02	1
Magnesium	**43000**		5000	34	ug/L		05/28/14 08:43	05/29/14 16:02	1
Manganese	**770**		15	0.96	ug/L		05/28/14 08:43	05/29/14 16:02	1
Sodium	**19000**		5000	590	ug/L		05/28/14 08:43	05/29/14 16:02	1
Nickel	**10**	**J**	40	3.2	ug/L		05/28/14 08:43	05/29/14 16:02	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-16
Date Collected: 05/22/14 09:20
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-16
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10**		5.0	0.50	mg/L			05/30/14 02:49	5
Sulfate	**250**		5.0	0.60	mg/L			05/30/14 02:49	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-17
Date Collected: 05/22/14 13:45
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-17
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**86**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 16:14	1
Calcium	**140000**		5000	130	ug/L		05/28/14 08:43	05/29/14 16:14	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 16:14	1
Iron	**3900**		100	81	ug/L		05/28/14 08:43	05/29/14 16:14	1
Potassium	**3300**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 16:14	1
Magnesium	**26000**		5000	34	ug/L		05/28/14 08:43	05/29/14 16:14	1
Manganese	**1300**		15	0.96	ug/L		05/28/14 08:43	05/29/14 16:14	1
Sodium	**13000**		5000	590	ug/L		05/28/14 08:43	05/29/14 16:14	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 16:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-17
Date Collected: 05/22/14 13:45
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-17
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.2**		5.0	0.50	mg/L			05/30/14 03:07	5
Sulfate	**65**		5.0	0.60	mg/L			05/30/14 03:07	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-18
Date Collected: 05/22/14 15:25
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-18
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**71**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 16:18	1
Calcium	**130000**		5000	130	ug/L		05/28/14 08:43	05/29/14 16:18	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 16:18	1
Iron	100	U	100	81	ug/L		05/28/14 08:43	05/29/14 16:18	1
Potassium	**2400**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 16:18	1
Magnesium	**31000**		5000	34	ug/L		05/28/14 08:43	05/29/14 16:18	1
Manganese	**31**		15	0.96	ug/L		05/28/14 08:43	05/29/14 16:18	1
Sodium	**54000**		5000	590	ug/L		05/28/14 08:43	05/29/14 16:18	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 16:18	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-18
Date Collected: 05/22/14 15:25
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-18
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		5.0	0.50	mg/L			05/30/14 03:26	5
Sulfate	97		5.0	0.60	mg/L			05/30/14 03:26	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-19
Date Collected: 05/22/14 16:50
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-19
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**19**	**J**	200	0.67	ug/L		05/28/14 08:43	05/29/14 14:21	1
Calcium	**49000**		5000	130	ug/L		05/28/14 08:43	05/29/14 14:21	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 14:21	1
Iron	100	U	100	81	ug/L		05/28/14 08:43	05/29/14 14:21	1
Potassium	**4900**	**J B**	5000	72	ug/L		05/28/14 08:43	05/29/14 14:21	1
Magnesium	**13000**		5000	34	ug/L		05/28/14 08:43	05/29/14 14:21	1
Manganese	**52**		15	0.96	ug/L		05/28/14 08:43	05/29/14 14:21	1
Sodium	**140000**		5000	590	ug/L		05/28/14 08:43	05/29/14 14:21	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 14:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052214-DN-19
Date Collected: 05/22/14 16:50
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-19
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		5.0	0.50	mg/L			05/30/14 03:44	5
Sulfate	**63**		5.0	0.60	mg/L			05/30/14 03:44	5
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/04/14 16:13	06/04/14 16:01	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-20
Date Collected: 05/23/14 07:35
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-20
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	36	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:03	1
Calcium	120000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:03	1
Chromium	18		5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:03	1
Iron	1300		100	81	ug/L		05/28/14 08:38	05/29/14 13:03	1
Potassium	4000000		50000	720	ug/L		05/28/14 08:38	05/29/14 18:41	10
Magnesium	14000	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:03	1
Manganese	610		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:03	1
Sodium	500000		5000	590	ug/L		05/28/14 08:38	05/29/14 13:03	1
Nickel	2700		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-20
Date Collected: 05/23/14 07:35
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-20
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1000**		50	5.0	mg/L			05/30/14 18:00	50
Sulfate	**5500**		50	6.0	mg/L			05/30/14 18:00	50
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-21
Date Collected: 05/23/14 08:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-21
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	28	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:07	1
Calcium	56000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:07	1
Chromium	9.9		5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:07	1
Iron	360		100	81	ug/L		05/28/14 08:38	05/29/14 13:07	1
Potassium	4300000		50000	720	ug/L		05/28/14 08:38	05/29/14 18:45	10
Magnesium	8500	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:07	1
Manganese	420		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:07	1
Sodium	650000		50000	5900	ug/L		05/28/14 08:38	05/29/14 18:45	10
Nickel	2500		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-21
Date Collected: 05/23/14 08:05
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-21
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	5.0	mg/L			05/30/14 18:16	50
Sulfate	5700		50	6.0	mg/L			05/30/14 18:16	50
Cyanide, Total	0.0052	J	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-22
Date Collected: 05/23/14 08:40
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-22
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	31	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:11	1
Calcium	39000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:11	1
Chromium	160		5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:11	1
Iron	2100		100	81	ug/L		05/28/14 08:38	05/29/14 13:11	1
Potassium	4500000		50000	720	ug/L		05/28/14 08:38	05/29/14 18:49	10
Magnesium	3500	J B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:11	1
Manganese	210		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:11	1
Sodium	640000		50000	5900	ug/L		05/28/14 08:38	05/29/14 18:49	10
Nickel	2600		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-22
Date Collected: 05/23/14 08:40
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-22
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	5.0	mg/L			05/30/14 18:33	50
Sulfate	7200		50	6.0	mg/L			05/30/14 18:33	50
Cyanide, Total	0.0057	J	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-23
Date Collected: 05/23/14 09:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-23
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	51	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:15	1
Calcium	150000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:15	1
Chromium	21		5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:15	1
Iron	1200		100	81	ug/L		05/28/14 08:38	05/29/14 13:15	1
Potassium	2400000		25000	360	ug/L		05/28/14 08:38	05/29/14 18:53	5
Magnesium	7800	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:15	1
Manganese	500		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:15	1
Sodium	400000		5000	590	ug/L		05/28/14 08:38	05/29/14 13:15	1
Nickel	1700		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-23
Date Collected: 05/23/14 09:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-23
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	750		5.0	0.50	mg/L			05/30/14 06:11	5
Sulfate	3500		20	2.4	mg/L			05/30/14 18:49	20
Cyanide, Total	0.0034	J	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-24
Date Collected: 05/23/14 10:25
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-24
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:20	1
Calcium	200000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:20	1
Chromium	10		5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:20	1
Iron	340		100	81	ug/L		05/28/14 08:38	05/29/14 13:20	1
Potassium	1800000		25000	360	ug/L		05/28/14 08:38	05/29/14 18:57	5
Magnesium	23000	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:20	1
Manganese	200		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:20	1
Sodium	280000		5000	590	ug/L		05/28/14 08:38	05/29/14 13:20	1
Nickel	1300		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-24
Date Collected: 05/23/14 10:25
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-24
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**550**		5.0	0.50	mg/L			05/30/14 06:30	5
Sulfate	**2700**		20	2.4	mg/L			05/30/14 20:11	20
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-25
Date Collected: 05/23/14 11:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-25
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	100	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:24	1
Calcium	190000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:24	1
Chromium	12		5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:24	1
Iron	720		100	81	ug/L		05/28/14 08:38	05/29/14 13:24	1
Potassium	2200000		25000	360	ug/L		05/28/14 08:38	05/29/14 19:01	5
Magnesium	21000	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:24	1
Manganese	780		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:24	1
Sodium	330000		5000	590	ug/L		05/28/14 08:38	05/29/14 13:24	1
Nickel	1600		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-25
Date Collected: 05/23/14 11:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-25
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**710**		5.0	0.50	mg/L			05/30/14 06:48	5
Sulfate	**3300**		25	3.0	mg/L			06/02/14 14:34	25
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-26
Date Collected: 05/23/14 12:10
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-26
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	17	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:28	1
Calcium	370000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:28	1
Chromium	4.8	J	5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:28	1
Iron	350		100	81	ug/L		05/28/14 08:38	05/29/14 13:28	1
Potassium	350000		5000	72	ug/L		05/28/14 08:38	05/29/14 13:28	1
Magnesium	95000	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:28	1
Manganese	390		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:28	1
Sodium	130000		5000	590	ug/L		05/28/14 08:38	05/29/14 13:28	1
Nickel	680		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-26
Date Collected: 05/23/14 12:10
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-26
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		5.0	0.50	mg/L			05/30/14 07:06	5
Sulfate	**1600**		10	1.2	mg/L			05/30/14 20:44	10
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 08:20	06/05/14 11:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-27
Date Collected: 05/23/14 13:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-27
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	73	J B	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:32	1
Calcium	380000	B	5000	130	ug/L		05/28/14 08:38	05/29/14 13:32	1
Chromium	3.1	J	5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:32	1
Iron	13000		100	81	ug/L		05/28/14 08:38	05/29/14 13:32	1
Potassium	300000		5000	72	ug/L		05/28/14 08:38	05/29/14 13:32	1
Magnesium	92000	B	5000	34	ug/L		05/28/14 08:38	05/29/14 13:32	1
Manganese	7100		15	0.96	ug/L		05/28/14 08:38	05/29/14 13:32	1
Sodium	120000		5000	590	ug/L		05/28/14 08:38	05/29/14 13:32	1
Nickel	640		40	3.2	ug/L		05/28/14 08:38	05/29/14 13:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-27
Date Collected: 05/23/14 13:15
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-27
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		5.0	0.50	mg/L			05/30/14 07:25	5
Sulfate	**1500**		10	1.2	mg/L			06/02/14 14:52	10
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 08:20	06/05/14 11:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: RB-12616-052314-DN-28
Lab Sample ID: 240-37693-28
Date Collected: 05/23/14 13:45
Matrix: Water
Date Received: 05/23/14 15:15

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	200	U	200	0.67	ug/L		05/28/14 08:38	05/29/14 13:37	1
Calcium	5000	U	5000	130	ug/L		05/28/14 08:38	05/29/14 13:37	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:38	05/29/14 13:37	1
Iron	100	U	100	81	ug/L		05/28/14 08:38	05/29/14 13:37	1
Potassium	**1900**	**J**	5000	72	ug/L		05/28/14 08:38	05/29/14 13:37	1
Magnesium	5000	U	5000	34	ug/L		05/28/14 08:38	05/29/14 13:37	1
Manganese	15	U	15	0.96	ug/L		05/28/14 08:38	05/29/14 13:37	1
Sodium	5000	U	5000	590	ug/L		05/28/14 08:38	05/29/14 13:37	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:38	05/29/14 13:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: RB-12616-052314-DN-28
Date Collected: 05/23/14 13:45
Date Received: 05/23/14 15:15

Lab Sample ID: 240-37693-28
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			05/30/14 07:43	1
Sulfate	1.0	U	1.0	0.12	mg/L			05/30/14 07:43	1
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 08:20	06/05/14 11:23	1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-132268/1-A
Matrix: Water
Analysis Batch: 132641

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 132268

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.72	J	200	0.67	ug/L		05/28/14 08:38	05/29/14 12:15	1
Calcium	335	J	5000	130	ug/L		05/28/14 08:38	05/29/14 12:15	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:38	05/29/14 12:15	1
Iron	100	U	100	81	ug/L		05/28/14 08:38	05/29/14 12:15	1
Potassium	5000	U	5000	72	ug/L		05/28/14 08:38	05/29/14 12:15	1
Magnesium	76.5	J	5000	34	ug/L		05/28/14 08:38	05/29/14 12:15	1
Manganese	15	U	15	0.96	ug/L		05/28/14 08:38	05/29/14 12:15	1
Sodium	5000	U	5000	590	ug/L		05/28/14 08:38	05/29/14 12:15	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:38	05/29/14 12:15	1

Lab Sample ID: LCS 240-132268/2-A
Matrix: Water
Analysis Batch: 132641

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 132268

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2000	1930		ug/L		97	80 - 120
Calcium	50000	50300		ug/L		101	80 - 120
Chromium	200	195		ug/L		98	80 - 120
Iron	1000	999		ug/L		100	80 - 120
Potassium	50000	49600		ug/L		99	80 - 120
Magnesium	50000	49400		ug/L		99	80 - 120
Manganese	500	497		ug/L		99	80 - 120
Sodium	50000	50100		ug/L		100	80 - 120
Nickel	500	486		ug/L		97	80 - 120

Lab Sample ID: MB 240-132270/1-A
Matrix: Water
Analysis Batch: 132641

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 132270

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	200	U	200	0.67	ug/L		05/28/14 08:43	05/29/14 14:13	1
Calcium	5000	U	5000	130	ug/L		05/28/14 08:43	05/29/14 14:13	1
Chromium	5.0	U	5.0	2.2	ug/L		05/28/14 08:43	05/29/14 14:13	1
Iron	100	U	100	81	ug/L		05/28/14 08:43	05/29/14 14:13	1
Potassium	410	J	5000	72	ug/L		05/28/14 08:43	05/29/14 14:13	1
Magnesium	5000	U	5000	34	ug/L		05/28/14 08:43	05/29/14 14:13	1
Manganese	15	U	15	0.96	ug/L		05/28/14 08:43	05/29/14 14:13	1
Sodium	5000	U	5000	590	ug/L		05/28/14 08:43	05/29/14 14:13	1
Nickel	40	U	40	3.2	ug/L		05/28/14 08:43	05/29/14 14:13	1

Lab Sample ID: LCS 240-132270/2-A
Matrix: Water
Analysis Batch: 132641

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 132270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2000	2030		ug/L		101	80 - 120
Calcium	50000	50100		ug/L		100	80 - 120
Chromium	200	202		ug/L		101	80 - 120
Iron	1000	992		ug/L		99	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-132270/2-A
Matrix: Water
Analysis Batch: 132641

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 132270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	50000	51500		ug/L		103	80 - 120
Magnesium	50000	48800		ug/L		98	80 - 120
Manganese	500	511		ug/L		102	80 - 120
Sodium	50000	52400		ug/L		105	80 - 120
Nickel	500	497		ug/L		99	80 - 120

Lab Sample ID: 240-37693-19 MS
Matrix: Water
Analysis Batch: 132641

Client Sample ID: WG-12616-052214-DN-19
Prep Type: Total Recoverable
Prep Batch: 132270

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	19	J	2000	2100		ug/L		104	75 - 125
Calcium	49000		50000	99900		ug/L		102	75 - 125
Chromium	5.0	U	200	204		ug/L		102	75 - 125
Iron	100	U	1000	1060		ug/L		106	75 - 125
Potassium	4900	J B	50000	56800		ug/L		104	75 - 125
Magnesium	13000		50000	62400		ug/L		99	75 - 125
Manganese	52		500	568		ug/L		103	75 - 125
Sodium	140000		50000	194000		ug/L		103	75 - 125
Nickel	40	U	500	510		ug/L		102	75 - 125

Lab Sample ID: 240-37693-19 MSD
Matrix: Water
Analysis Batch: 132641

Client Sample ID: WG-12616-052214-DN-19
Prep Type: Total Recoverable
Prep Batch: 132270

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium	19	J	2000	2060		ug/L		102	75 - 125	2	20
Calcium	49000		50000	99400		ug/L		101	75 - 125	0	20
Chromium	5.0	U	200	200		ug/L		100	75 - 125	2	20
Iron	100	U	1000	1040		ug/L		104	75 - 125	2	20
Potassium	4900	J B	50000	56700		ug/L		104	75 - 125	0	20
Magnesium	13000		50000	62000		ug/L		99	75 - 125	1	20
Manganese	52		500	560		ug/L		102	75 - 125	1	20
Sodium	140000		50000	191000		ug/L		96	75 - 125	2	20
Nickel	40	U	500	507		ug/L		101	75 - 125	1	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 240-132558/27
Matrix: Water
Analysis Batch: 132558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			05/29/14 21:54	1
Sulfate	1.0	U	1.0	0.12	mg/L			05/29/14 21:54	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 240-132558/3
Matrix: Water
Analysis Batch: 132558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			05/29/14 14:33	1
Sulfate	1.0	U	1.0	0.12	mg/L			05/29/14 14:33	1

Lab Sample ID: LCS 240-132558/28
Matrix: Water
Analysis Batch: 132558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.0		mg/L		106	90 - 110
Sulfate	50.0	51.4		mg/L		103	90 - 110

Lab Sample ID: LCS 240-132558/4
Matrix: Water
Analysis Batch: 132558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.7		mg/L		105	90 - 110
Sulfate	50.0	51.4		mg/L		103	90 - 110

Lab Sample ID: 240-37693-3 MS
Matrix: Water
Analysis Batch: 132558

Client Sample ID: WG-12616-052014-DN-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	18		50.0	63.8		mg/L		91	80 - 120
Sulfate	72		50.0	117		mg/L		90	80 - 120

Lab Sample ID: 240-37693-3 MSD
Matrix: Water
Analysis Batch: 132558

Client Sample ID: WG-12616-052014-DN-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18		50.0	63.5		mg/L		90	80 - 120	0	20
Sulfate	72		50.0	117		mg/L		89	80 - 120	0	20

Lab Sample ID: 240-37693-10 MS
Matrix: Water
Analysis Batch: 132558

Client Sample ID: WG-12616-052114-DN-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	120		50.0	164		mg/L		97	80 - 120
Sulfate	890		50.0	909	4	mg/L		34	80 - 120

Lab Sample ID: 240-37693-10 MSD
Matrix: Water
Analysis Batch: 132558

Client Sample ID: WG-12616-052114-DN-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	120		50.0	163		mg/L		96	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 240-37693-10 MSD — **Client Sample ID: WG-12616-052114-DN-10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfate	890		50.0	912	4	mg/L		39	80 - 120	0	20

Lab Sample ID: 240-37693-19 MS — **Client Sample ID: WG-12616-052214-DN-19**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132558

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	18		50.0	64.5		mg/L		94	80 - 120
Sulfate	63		50.0	110		mg/L		94	80 - 120

Lab Sample ID: 240-37693-19 MSD — **Client Sample ID: WG-12616-052214-DN-19**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18		50.0	64.9		mg/L		95	80 - 120	1	20
Sulfate	63		50.0	110		mg/L		94	80 - 120	0	20

Lab Sample ID: MB 240-132752/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			05/30/14 19:38	1
Sulfate	1.0	U	1.0	0.12	mg/L			05/30/14 19:38	1

Lab Sample ID: MB 240-132752/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			05/30/14 13:05	1
Sulfate	1.0	U	1.0	0.12	mg/L			05/30/14 13:05	1

Lab Sample ID: LCS 240-132752/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	53.2		mg/L		106	90 - 110
Sulfate	50.0	49.7		mg/L		99	90 - 110

Lab Sample ID: 240-37693-27 MS — **Client Sample ID: WG-12616-052314-DN-27**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	240		50.0	291	4	mg/L		99	80 - 120

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 240-37693-27 MSD — **Client Sample ID: WG-12616-052314-DN-27**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	240		50.0	286	4	mg/L		88	80 - 120	2	20

Lab Sample ID: MB 240-132963/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132963

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			06/02/14 12:25	1
Sulfate	1.0	U	1.0	0.12	mg/L			06/02/14 12:25	1

Lab Sample ID: LCS 240-132963/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132963

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.5		mg/L		101	90 - 110
Sulfate	50.0	49.5		mg/L		99	90 - 110

Method: 335.2 - Cyanide, Total

Lab Sample ID: MB 240-132824/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132840 — **Prep Batch: 132824**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		05/31/14 09:55	05/31/14 10:58	1

Lab Sample ID: LCS 240-132824/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132840 — **Prep Batch: 132824**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0177		mg/L		105	69 - 118

Lab Sample ID: 240-37693-3 MS — **Client Sample ID: WG-12616-052014-DN-03**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132840 — **Prep Batch: 132824**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.010	U	0.0400	0.0395		mg/L		99	42 - 140

Lab Sample ID: 240-37693-3 MSD — **Client Sample ID: WG-12616-052014-DN-03**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 132840 — **Prep Batch: 132824**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.0400	0.0406		mg/L		101	42 - 140	3	20

Method: 335.2 - Cyanide, Total (Continued)

Lab Sample ID: MRL 240-132840/6
Matrix: Water
Analysis Batch: 132840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0100	0.0110		mg/L		110	70 - 130

Lab Sample ID: MB 240-133085/1-A
Matrix: Water
Analysis Batch: 133161

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 08:15	06/03/14 09:21	1

Lab Sample ID: LCS 240-133085/2-A
Matrix: Water
Analysis Batch: 133161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0170		mg/L		101	69 - 118

Lab Sample ID: MRL 240-133161/6
Matrix: Water
Analysis Batch: 133161

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0100	0.00951	J	mg/L		95	70 - 130

Lab Sample ID: MB 240-133171/1-A
Matrix: Water
Analysis Batch: 133232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133171

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/03/14 12:48	06/03/14 14:52	1

Lab Sample ID: LCS 240-133171/2-A
Matrix: Water
Analysis Batch: 133232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133171

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0164		mg/L		98	69 - 118

Lab Sample ID: MB 240-133421/1-B
Matrix: Water
Analysis Batch: 133424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/04/14 16:13	06/04/14 16:01	1

Lab Sample ID: LCS 240-133421/2-B
Matrix: Water
Analysis Batch: 133424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0169		mg/L		100	69 - 118

Lab Sample ID: 240-37693-19 MS
Matrix: Water
Analysis Batch: 133424

Client Sample ID: WG-12616-052214-DN-19
Prep Type: Total/NA
Prep Batch: 133418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.010	U	0.0400	0.0378		mg/L		94	42 - 140

Lab Sample ID: 240-37693-19 MSD
Matrix: Water
Analysis Batch: 133424

Client Sample ID: WG-12616-052214-DN-19
Prep Type: Total/NA
Prep Batch: 133418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.0400	0.0358		mg/L		90	42 - 140	5	20

Lab Sample ID: MB 240-133446/1-A
Matrix: Water
Analysis Batch: 133547

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133446

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 06:53	06/05/14 09:46	1

Lab Sample ID: LCS 240-133446/2-A
Matrix: Water
Analysis Batch: 133547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133446

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0177		mg/L		105	69 - 118

Lab Sample ID: 240-37693-18 MS
Matrix: Water
Analysis Batch: 133547

Client Sample ID: WG-12616-052214-DN-18
Prep Type: Total/NA
Prep Batch: 133446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.010	U	0.0400	0.0380		mg/L		95	42 - 140

Lab Sample ID: 240-37693-18 MSD
Matrix: Water
Analysis Batch: 133547

Client Sample ID: WG-12616-052214-DN-18
Prep Type: Total/NA
Prep Batch: 133446

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	0.010	U	0.0400	0.0340		mg/L		85	42 - 140	11	20

Lab Sample ID: MB 240-133478/1-A
Matrix: Water
Analysis Batch: 133572

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133478

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0032	mg/L		06/05/14 08:20	06/05/14 11:17	1

Lab Sample ID: LCS 240-133478/2-A
Matrix: Water
Analysis Batch: 133572

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133478

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0168	0.0171		mg/L		102	69 - 118

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Method: 335.2 - Cyanide, Total (Continued)

Lab Sample ID: MRL 240-133547/6
Matrix: Water
Analysis Batch: 133547

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Total			0.0100	0.0122		mg/L		122	70 - 130		

Metals

Prep Batch: 132268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-20	WG-12616-052314-DN-20	Total Recoverable	Water	3005A	
240-37693-21	WG-12616-052314-DN-21	Total Recoverable	Water	3005A	
240-37693-22	WG-12616-052314-DN-22	Total Recoverable	Water	3005A	
240-37693-23	WG-12616-052314-DN-23	Total Recoverable	Water	3005A	
240-37693-24	WG-12616-052314-DN-24	Total Recoverable	Water	3005A	
240-37693-25	WG-12616-052314-DN-25	Total Recoverable	Water	3005A	
240-37693-26	WG-12616-052314-DN-26	Total Recoverable	Water	3005A	
240-37693-27	WG-12616-052314-DN-27	Total Recoverable	Water	3005A	
240-37693-28	RB-12616-052314-DN-28	Total Recoverable	Water	3005A	
LCS 240-132268/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-132268/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 132270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-1	WG-12616-051914-DN-01	Dissolved	Water	3005A	
240-37693-1	WG-12616-051914-DN-01	Total Recoverable	Water	3005A	
240-37693-2	WG-12616-052014-DN-02	Total Recoverable	Water	3005A	
240-37693-3	WG-12616-052014-DN-03	Total Recoverable	Water	3005A	
240-37693-4	WG-12616-052014-DN-04	Total Recoverable	Water	3005A	
240-37693-5	WG-12616-052014-DN-05	Total Recoverable	Water	3005A	
240-37693-6	WG-12616-052014-DN-06	Total Recoverable	Water	3005A	
240-37693-7	WG-12616-052114-DN-07	Total Recoverable	Water	3005A	
240-37693-8	WG-12616-052114-DN-08	Total Recoverable	Water	3005A	
240-37693-9	WG-12616-052114-DN-09	Total Recoverable	Water	3005A	
240-37693-10	WG-12616-052114-DN-10	Total Recoverable	Water	3005A	
240-37693-11	WG-12616-052114-DN-11	Total Recoverable	Water	3005A	
240-37693-12	WG-12616-052114-DN-12	Total Recoverable	Water	3005A	
240-37693-13	WG-12616-052114-DN-13	Total Recoverable	Water	3005A	
240-37693-14	WG-12616-052114-DN-14	Total Recoverable	Water	3005A	
240-37693-15	WG-12616-052214-DN-15	Total Recoverable	Water	3005A	
240-37693-16	WG-12616-052214-DN-16	Total Recoverable	Water	3005A	
240-37693-17	WG-12616-052214-DN-17	Total Recoverable	Water	3005A	
240-37693-18	WG-12616-052214-DN-18	Total Recoverable	Water	3005A	
240-37693-19	WG-12616-052214-DN-19	Total Recoverable	Water	3005A	
240-37693-19 MS	WG-12616-052214-DN-19	Total Recoverable	Water	3005A	
240-37693-19 MSD	WG-12616-052214-DN-19	Total Recoverable	Water	3005A	
LCS 240-132270/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-132270/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 132641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-1	WG-12616-051914-DN-01	Dissolved	Water	6010B	132270
240-37693-1	WG-12616-051914-DN-01	Total Recoverable	Water	6010B	132270
240-37693-2	WG-12616-052014-DN-02	Total Recoverable	Water	6010B	132270
240-37693-3	WG-12616-052014-DN-03	Total Recoverable	Water	6010B	132270
240-37693-4	WG-12616-052014-DN-04	Total Recoverable	Water	6010B	132270
240-37693-5	WG-12616-052014-DN-05	Total Recoverable	Water	6010B	132270
240-37693-6	WG-12616-052014-DN-06	Total Recoverable	Water	6010B	132270
240-37693-7	WG-12616-052114-DN-07	Total Recoverable	Water	6010B	132270
240-37693-8	WG-12616-052114-DN-08	Total Recoverable	Water	6010B	132270
240-37693-9	WG-12616-052114-DN-09	Total Recoverable	Water	6010B	132270

Metals (Continued)

Analysis Batch: 132641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-10	WG-12616-052114-DN-10	Total Recoverable	Water	6010B	132270
240-37693-11	WG-12616-052114-DN-11	Total Recoverable	Water	6010B	132270
240-37693-12	WG-12616-052114-DN-12	Total Recoverable	Water	6010B	132270
240-37693-13	WG-12616-052114-DN-13	Total Recoverable	Water	6010B	132270
240-37693-14	WG-12616-052114-DN-14	Total Recoverable	Water	6010B	132270
240-37693-15	WG-12616-052214-DN-15	Total Recoverable	Water	6010B	132270
240-37693-16	WG-12616-052214-DN-16	Total Recoverable	Water	6010B	132270
240-37693-17	WG-12616-052214-DN-17	Total Recoverable	Water	6010B	132270
240-37693-18	WG-12616-052214-DN-18	Total Recoverable	Water	6010B	132270
240-37693-19	WG-12616-052214-DN-19	Total Recoverable	Water	6010B	132270
240-37693-19 MS	WG-12616-052214-DN-19	Total Recoverable	Water	6010B	132270
240-37693-19 MSD	WG-12616-052214-DN-19	Total Recoverable	Water	6010B	132270
240-37693-20	WG-12616-052314-DN-20	Total Recoverable	Water	6010B	132268
240-37693-20	WG-12616-052314-DN-20	Total Recoverable	Water	6010B	132268
240-37693-21	WG-12616-052314-DN-21	Total Recoverable	Water	6010B	132268
240-37693-21	WG-12616-052314-DN-21	Total Recoverable	Water	6010B	132268
240-37693-22	WG-12616-052314-DN-22	Total Recoverable	Water	6010B	132268
240-37693-22	WG-12616-052314-DN-22	Total Recoverable	Water	6010B	132268
240-37693-23	WG-12616-052314-DN-23	Total Recoverable	Water	6010B	132268
240-37693-23	WG-12616-052314-DN-23	Total Recoverable	Water	6010B	132268
240-37693-24	WG-12616-052314-DN-24	Total Recoverable	Water	6010B	132268
240-37693-24	WG-12616-052314-DN-24	Total Recoverable	Water	6010B	132268
240-37693-25	WG-12616-052314-DN-25	Total Recoverable	Water	6010B	132268
240-37693-25	WG-12616-052314-DN-25	Total Recoverable	Water	6010B	132268
240-37693-26	WG-12616-052314-DN-26	Total Recoverable	Water	6010B	132268
240-37693-27	WG-12616-052314-DN-27	Total Recoverable	Water	6010B	132268
240-37693-28	RB-12616-052314-DN-28	Total Recoverable	Water	6010B	132268
LCS 240-132268/2-A	Lab Control Sample	Total Recoverable	Water	6010B	132268
LCS 240-132270/2-A	Lab Control Sample	Total Recoverable	Water	6010B	132270
MB 240-132268/1-A	Method Blank	Total Recoverable	Water	6010B	132268
MB 240-132270/1-A	Method Blank	Total Recoverable	Water	6010B	132270

General Chemistry

Analysis Batch: 132558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-1	WG-12616-051914-DN-01	Total/NA	Water	300.0	
240-37693-2	WG-12616-052014-DN-02	Total/NA	Water	300.0	
240-37693-3	WG-12616-052014-DN-03	Total/NA	Water	300.0	
240-37693-3 MS	WG-12616-052014-DN-03	Total/NA	Water	300.0	
240-37693-3 MSD	WG-12616-052014-DN-03	Total/NA	Water	300.0	
240-37693-4	WG-12616-052014-DN-04	Total/NA	Water	300.0	
240-37693-5	WG-12616-052014-DN-05	Total/NA	Water	300.0	
240-37693-6	WG-12616-052014-DN-06	Total/NA	Water	300.0	
240-37693-7	WG-12616-052114-DN-07	Total/NA	Water	300.0	
240-37693-8	WG-12616-052114-DN-08	Total/NA	Water	300.0	
240-37693-9	WG-12616-052114-DN-09	Total/NA	Water	300.0	
240-37693-10	WG-12616-052114-DN-10	Total/NA	Water	300.0	
240-37693-10 MS	WG-12616-052114-DN-10	Total/NA	Water	300.0	
240-37693-10 MSD	WG-12616-052114-DN-10	Total/NA	Water	300.0	

General Chemistry (Continued)

Analysis Batch: 132558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-11	WG-12616-052114-DN-11	Total/NA	Water	300.0	
240-37693-12	WG-12616-052114-DN-12	Total/NA	Water	300.0	
240-37693-13	WG-12616-052114-DN-13	Total/NA	Water	300.0	
240-37693-14	WG-12616-052114-DN-14	Total/NA	Water	300.0	
240-37693-15	WG-12616-052214-DN-15	Total/NA	Water	300.0	
240-37693-16	WG-12616-052214-DN-16	Total/NA	Water	300.0	
240-37693-17	WG-12616-052214-DN-17	Total/NA	Water	300.0	
240-37693-18	WG-12616-052214-DN-18	Total/NA	Water	300.0	
240-37693-19	WG-12616-052214-DN-19	Total/NA	Water	300.0	
240-37693-19 MS	WG-12616-052214-DN-19	Total/NA	Water	300.0	
240-37693-19 MSD	WG-12616-052214-DN-19	Total/NA	Water	300.0	
240-37693-23	WG-12616-052314-DN-23	Total/NA	Water	300.0	
240-37693-24	WG-12616-052314-DN-24	Total/NA	Water	300.0	
240-37693-25	WG-12616-052314-DN-25	Total/NA	Water	300.0	
240-37693-26	WG-12616-052314-DN-26	Total/NA	Water	300.0	
240-37693-27	WG-12616-052314-DN-27	Total/NA	Water	300.0	
240-37693-28	RB-12616-052314-DN-28	Total/NA	Water	300.0	
LCS 240-132558/28	Lab Control Sample	Total/NA	Water	300.0	
LCS 240-132558/4	Lab Control Sample	Total/NA	Water	300.0	
MB 240-132558/27	Method Blank	Total/NA	Water	300.0	
MB 240-132558/3	Method Blank	Total/NA	Water	300.0	

Analysis Batch: 132752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-2	WG-12616-052014-DN-02	Total/NA	Water	300.0	
240-37693-20	WG-12616-052314-DN-20	Total/NA	Water	300.0	
240-37693-21	WG-12616-052314-DN-21	Total/NA	Water	300.0	
240-37693-22	WG-12616-052314-DN-22	Total/NA	Water	300.0	
240-37693-23	WG-12616-052314-DN-23	Total/NA	Water	300.0	
240-37693-24	WG-12616-052314-DN-24	Total/NA	Water	300.0	
240-37693-26	WG-12616-052314-DN-26	Total/NA	Water	300.0	
240-37693-27 MS	WG-12616-052314-DN-27	Total/NA	Water	300.0	
240-37693-27 MSD	WG-12616-052314-DN-27	Total/NA	Water	300.0	
LCS 240-132752/4	Lab Control Sample	Total/NA	Water	300.0	
MB 240-132752/27	Method Blank	Total/NA	Water	300.0	
MB 240-132752/3	Method Blank	Total/NA	Water	300.0	

Prep Batch: 132824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-1	WG-12616-051914-DN-01	Total/NA	Water	Distill/CN	
240-37693-2	WG-12616-052014-DN-02	Total/NA	Water	Distill/CN	
240-37693-3	WG-12616-052014-DN-03	Total/NA	Water	Distill/CN	
240-37693-3 MS	WG-12616-052014-DN-03	Total/NA	Water	Distill/CN	
240-37693-3 MSD	WG-12616-052014-DN-03	Total/NA	Water	Distill/CN	
LCS 240-132824/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 240-132824/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 132840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-1	WG-12616-051914-DN-01	Total/NA	Water	335.2	132824
240-37693-2	WG-12616-052014-DN-02	Total/NA	Water	335.2	132824

General Chemistry (Continued)

Analysis Batch: 132840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-3	WG-12616-052014-DN-03	Total/NA	Water	335.2	132824
240-37693-3 MS	WG-12616-052014-DN-03	Total/NA	Water	335.2	132824
240-37693-3 MSD	WG-12616-052014-DN-03	Total/NA	Water	335.2	132824
LCS 240-132824/2-A	Lab Control Sample	Total/NA	Water	335.2	132824
MB 240-132824/1-A	Method Blank	Total/NA	Water	335.2	132824
MRL 240-132840/6	Lab Control Sample	Total/NA	Water	335.2	

Analysis Batch: 132963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-25	WG-12616-052314-DN-25	Total/NA	Water	300.0	
240-37693-27	WG-12616-052314-DN-27	Total/NA	Water	300.0	
LCS 240-132963/4	Lab Control Sample	Total/NA	Water	300.0	
MB 240-132963/3	Method Blank	Total/NA	Water	300.0	

Prep Batch: 133085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-4	WG-12616-052014-DN-04	Total/NA	Water	Distill/CN	
240-37693-5	WG-12616-052014-DN-05	Total/NA	Water	Distill/CN	
240-37693-6	WG-12616-052014-DN-06	Total/NA	Water	Distill/CN	
LCS 240-133085/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 240-133085/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 133161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-4	WG-12616-052014-DN-04	Total/NA	Water	335.2	133085
240-37693-5	WG-12616-052014-DN-05	Total/NA	Water	335.2	133085
240-37693-6	WG-12616-052014-DN-06	Total/NA	Water	335.2	133085
LCS 240-133085/2-A	Lab Control Sample	Total/NA	Water	335.2	133085
MB 240-133085/1-A	Method Blank	Total/NA	Water	335.2	133085
MRL 240-133161/6	Lab Control Sample	Total/NA	Water	335.2	

Prep Batch: 133171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-7	WG-12616-052114-DN-07	Total/NA	Water	Distill/CN	
240-37693-8	WG-12616-052114-DN-08	Total/NA	Water	Distill/CN	
240-37693-9	WG-12616-052114-DN-09	Total/NA	Water	Distill/CN	
240-37693-10	WG-12616-052114-DN-10	Total/NA	Water	Distill/CN	
240-37693-11	WG-12616-052114-DN-11	Total/NA	Water	Distill/CN	
240-37693-12	WG-12616-052114-DN-12	Total/NA	Water	Distill/CN	
240-37693-13	WG-12616-052114-DN-13	Total/NA	Water	Distill/CN	
240-37693-14	WG-12616-052114-DN-14	Total/NA	Water	Distill/CN	
LCS 240-133171/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 240-133171/1-A	Method Blank	Total/NA	Water	Distill/CN	

Analysis Batch: 133232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-7	WG-12616-052114-DN-07	Total/NA	Water	335.2	133171
240-37693-8	WG-12616-052114-DN-08	Total/NA	Water	335.2	133171
240-37693-9	WG-12616-052114-DN-09	Total/NA	Water	335.2	133171
240-37693-10	WG-12616-052114-DN-10	Total/NA	Water	335.2	133171
240-37693-11	WG-12616-052114-DN-11	Total/NA	Water	335.2	133171

General Chemistry (Continued)

Analysis Batch: 133232 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-12	WG-12616-052114-DN-12	Total/NA	Water	335.2	133171
240-37693-13	WG-12616-052114-DN-13	Total/NA	Water	335.2	133171
240-37693-14	WG-12616-052114-DN-14	Total/NA	Water	335.2	133171
LCS 240-133171/2-A	Lab Control Sample	Total/NA	Water	335.2	133171
MB 240-133171/1-A	Method Blank	Total/NA	Water	335.2	133171

Prep Batch: 133418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-19	WG-12616-052214-DN-19	Total/NA	Water	Distill/CN	
240-37693-19 MS	WG-12616-052214-DN-19	Total/NA	Water	Distill/CN	
240-37693-19 MSD	WG-12616-052214-DN-19	Total/NA	Water	Distill/CN	
LCS 240-133421/2-B	Lab Control Sample	Total/NA	Water	Distill/CN	133421
MB 240-133421/1-B	Method Blank	Total/NA	Water	Distill/CN	133421

Filtration Batch: 133421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-133421/2-B	Lab Control Sample	Total/NA	Water	Filtration	
MB 240-133421/1-B	Method Blank	Total/NA	Water	Filtration	

Analysis Batch: 133424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-19	WG-12616-052214-DN-19	Total/NA	Water	335.2	133418
240-37693-19 MS	WG-12616-052214-DN-19	Total/NA	Water	335.2	133418
240-37693-19 MSD	WG-12616-052214-DN-19	Total/NA	Water	335.2	133418
LCS 240-133421/2-B	Lab Control Sample	Total/NA	Water	335.2	133418
MB 240-133421/1-B	Method Blank	Total/NA	Water	335.2	133418

Prep Batch: 133446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-15	WG-12616-052214-DN-15	Total/NA	Water	Distill/CN	
240-37693-16	WG-12616-052214-DN-16	Total/NA	Water	Distill/CN	
240-37693-17	WG-12616-052214-DN-17	Total/NA	Water	Distill/CN	
240-37693-18	WG-12616-052214-DN-18	Total/NA	Water	Distill/CN	
240-37693-18 MS	WG-12616-052214-DN-18	Total/NA	Water	Distill/CN	
240-37693-18 MSD	WG-12616-052214-DN-18	Total/NA	Water	Distill/CN	
240-37693-20	WG-12616-052314-DN-20	Total/NA	Water	Distill/CN	
240-37693-21	WG-12616-052314-DN-21	Total/NA	Water	Distill/CN	
240-37693-22	WG-12616-052314-DN-22	Total/NA	Water	Distill/CN	
240-37693-23	WG-12616-052314-DN-23	Total/NA	Water	Distill/CN	
240-37693-24	WG-12616-052314-DN-24	Total/NA	Water	Distill/CN	
240-37693-25	WG-12616-052314-DN-25	Total/NA	Water	Distill/CN	
LCS 240-133446/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 240-133446/1-A	Method Blank	Total/NA	Water	Distill/CN	

Prep Batch: 133478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-26	WG-12616-052314-DN-26	Total/NA	Water	Distill/CN	
240-37693-27	WG-12616-052314-DN-27	Total/NA	Water	Distill/CN	
240-37693-28	RB-12616-052314-DN-28	Total/NA	Water	Distill/CN	
LCS 240-133478/2-A	Lab Control Sample	Total/NA	Water	Distill/CN	
MB 240-133478/1-A	Method Blank	Total/NA	Water	Distill/CN	

General Chemistry (Continued)

Analysis Batch: 133547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-15	WG-12616-052214-DN-15	Total/NA	Water	335.2	133446
240-37693-16	WG-12616-052214-DN-16	Total/NA	Water	335.2	133446
240-37693-17	WG-12616-052214-DN-17	Total/NA	Water	335.2	133446
240-37693-18	WG-12616-052214-DN-18	Total/NA	Water	335.2	133446
240-37693-18 MS	WG-12616-052214-DN-18	Total/NA	Water	335.2	133446
240-37693-18 MSD	WG-12616-052214-DN-18	Total/NA	Water	335.2	133446
240-37693-20	WG-12616-052314-DN-20	Total/NA	Water	335.2	133446
240-37693-21	WG-12616-052314-DN-21	Total/NA	Water	335.2	133446
240-37693-22	WG-12616-052314-DN-22	Total/NA	Water	335.2	133446
240-37693-23	WG-12616-052314-DN-23	Total/NA	Water	335.2	133446
240-37693-24	WG-12616-052314-DN-24	Total/NA	Water	335.2	133446
240-37693-25	WG-12616-052314-DN-25	Total/NA	Water	335.2	133446
LCS 240-133446/2-A	Lab Control Sample	Total/NA	Water	335.2	133446
MB 240-133446/1-A	Method Blank	Total/NA	Water	335.2	133446
MRL 240-133547/6	Lab Control Sample	Total/NA	Water	335.2	

Analysis Batch: 133572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-37693-26	WG-12616-052314-DN-26	Total/NA	Water	335.2	133478
240-37693-27	WG-12616-052314-DN-27	Total/NA	Water	335.2	133478
240-37693-28	RB-12616-052314-DN-28	Total/NA	Water	335.2	133478
LCS 240-133478/2-A	Lab Control Sample	Total/NA	Water	335.2	133478
MB 240-133478/1-A	Method Blank	Total/NA	Water	335.2	133478

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-051914-DN-01

Lab Sample ID: 240-37693-1

Date Collected: 05/19/14 16:00
Matrix: Water
Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Dissolved	Analysis	6010B		1	132641	05/29/14 14:53	NJT	TAL CAN
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 14:49	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 19:09	LKG	TAL CAN
Total/NA	Prep	Distill/CN			132824	05/31/14 09:55	BLW	TAL CAN
Total/NA	Analysis	335.2		1	132840	05/31/14 11:09	BLW	TAL CAN

Client Sample ID: WG-12616-052014-DN-02

Lab Sample ID: 240-37693-2

Date Collected: 05/20/14 10:20
Matrix: Water
Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 14:57	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 19:27	LKG	TAL CAN
Total/NA	Analysis	300.0		1	132752	05/30/14 17:44	LKG	TAL CAN
Total/NA	Prep	Distill/CN			132824	05/31/14 09:55	BLW	TAL CAN
Total/NA	Analysis	335.2		1	132840	05/31/14 11:09	BLW	TAL CAN

Client Sample ID: WG-12616-052014-DN-03

Lab Sample ID: 240-37693-3

Date Collected: 05/20/14 11:40
Matrix: Water
Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:01	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 19:45	LKG	TAL CAN
Total/NA	Prep	Distill/CN			132824	05/31/14 09:55	BLW	TAL CAN
Total/NA	Analysis	335.2		1	132840	05/31/14 11:09	BLW	TAL CAN

Client Sample ID: WG-12616-052014-DN-04

Lab Sample ID: 240-37693-4

Date Collected: 05/20/14 16:00
Matrix: Water
Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:05	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 20:41	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133085	06/03/14 08:15	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133161	06/03/14 09:27	NJE	TAL CAN

Client Sample ID: WG-12616-052014-DN-05

Lab Sample ID: 240-37693-5

Date Collected: 05/20/14 17:35

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:09	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 20:59	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133085	06/03/14 08:15	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133161	06/03/14 09:27	NJE	TAL CAN

Client Sample ID: WG-12616-052014-DN-06

Lab Sample ID: 240-37693-6

Date Collected: 05/20/14 18:50

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:13	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 22:31	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133085	06/03/14 08:15	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133161	06/03/14 09:27	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-07

Lab Sample ID: 240-37693-7

Date Collected: 05/21/14 08:30

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:25	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 22:50	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-08

Lab Sample ID: 240-37693-8

Date Collected: 05/21/14 10:05

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:29	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 23:08	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-09

Lab Sample ID: 240-37693-9

Date Collected: 05/21/14 11:55

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:33	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 23:26	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 15:24	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-10

Lab Sample ID: 240-37693-10

Date Collected: 05/21/14 14:05

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:37	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/29/14 23:45	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-11

Lab Sample ID: 240-37693-11

Date Collected: 05/21/14 14:50

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:41	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 00:40	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-12

Lab Sample ID: 240-37693-12

Date Collected: 05/21/14 16:05

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:46	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 01:35	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-13

Lab Sample ID: 240-37693-13

Date Collected: 05/21/14 17:15

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:50	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 01:54	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052114-DN-14

Lab Sample ID: 240-37693-14

Date Collected: 05/21/14 18:25

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:54	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 02:12	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133171	06/03/14 12:48	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133232	06/03/14 14:57	NJE	TAL CAN

Client Sample ID: WG-12616-052214-DN-15

Lab Sample ID: 240-37693-15

Date Collected: 05/22/14 07:55

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 15:58	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 02:30	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:46	NJE	TAL CAN

Client Sample ID: WG-12616-052214-DN-16

Lab Sample ID: 240-37693-16

Date Collected: 05/22/14 09:20

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 16:02	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 02:49	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:52	NJE	TAL CAN

Client Sample ID: WG-12616-052214-DN-17

Lab Sample ID: 240-37693-17

Date Collected: 05/22/14 13:45

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 16:14	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 03:07	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:52	NJE	TAL CAN

Client Sample ID: WG-12616-052214-DN-18

Lab Sample ID: 240-37693-18

Date Collected: 05/22/14 15:25

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 16:18	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 03:26	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:46	NJE	TAL CAN

Client Sample ID: WG-12616-052214-DN-19

Lab Sample ID: 240-37693-19

Date Collected: 05/22/14 16:50

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132270	05/28/14 08:43	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 14:21	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 03:44	LKG	TAL CAN
Total/NA	Analysis	335.2		1	133424	06/04/14 16:01	NJE	TAL CAN
Total/NA	Prep	Distill/CN			133418	06/04/14 16:13	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-20

Lab Sample ID: 240-37693-20

Date Collected: 05/23/14 07:35

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:03	NJT	TAL CAN
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		10	132641	05/29/14 18:41	NJT	TAL CAN
Total/NA	Analysis	300.0		50	132752	05/30/14 18:00	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:52	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-21

Lab Sample ID: 240-37693-21

Date Collected: 05/23/14 08:05

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:07	NJT	TAL CAN
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		10	132641	05/29/14 18:45	NJT	TAL CAN
Total/NA	Analysis	300.0		50	132752	05/30/14 18:16	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:46	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-22

Lab Sample ID: 240-37693-22

Date Collected: 05/23/14 08:40

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:11	NJT	TAL CAN
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		10	132641	05/29/14 18:49	NJT	TAL CAN
Total/NA	Analysis	300.0		50	132752	05/30/14 18:33	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:46	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-23

Lab Sample ID: 240-37693-23

Date Collected: 05/23/14 09:15

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:15	NJT	TAL CAN
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		5	132641	05/29/14 18:53	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 06:11	LKG	TAL CAN
Total/NA	Analysis	300.0		20	132752	05/30/14 18:49	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:52	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-24

Lab Sample ID: 240-37693-24

Date Collected: 05/23/14 10:25

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:20	NJT	TAL CAN
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN

Client Sample ID: WG-12616-052314-DN-24

Lab Sample ID: 240-37693-24

Date Collected: 05/23/14 10:25

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Analysis	6010B		5	132641	05/29/14 18:57	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 06:30	LKG	TAL CAN
Total/NA	Analysis	300.0		20	132752	05/30/14 20:11	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:52	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-25

Lab Sample ID: 240-37693-25

Date Collected: 05/23/14 11:15

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:24	NJT	TAL CAN
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		5	132641	05/29/14 19:01	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 06:48	LKG	TAL CAN
Total/NA	Analysis	300.0		25	132963	06/02/14 14:34	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133446	06/05/14 06:53	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133547	06/05/14 09:52	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-26

Lab Sample ID: 240-37693-26

Date Collected: 05/23/14 12:10

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:28	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 07:06	LKG	TAL CAN
Total/NA	Analysis	300.0		10	132752	05/30/14 20:44	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133478	06/05/14 08:20	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133572	06/05/14 11:23	NJE	TAL CAN

Client Sample ID: WG-12616-052314-DN-27

Lab Sample ID: 240-37693-27

Date Collected: 05/23/14 13:15

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:32	NJT	TAL CAN
Total/NA	Analysis	300.0		5	132558	05/30/14 07:25	LKG	TAL CAN
Total/NA	Analysis	300.0		10	132963	06/02/14 14:52	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133478	06/05/14 08:20	NJE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Client Sample ID: WG-12616-052314-DN-27

Lab Sample ID: 240-37693-27

Date Collected: 05/23/14 13:15

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	335.2		1	133572	06/05/14 11:17	NJE	TAL CAN

Client Sample ID: RB-12616-052314-DN-28

Lab Sample ID: 240-37693-28

Date Collected: 05/23/14 13:45

Matrix: Water

Date Received: 05/23/14 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			132268	05/28/14 08:38	LPM	TAL CAN
Total Recoverable	Analysis	6010B		1	132641	05/29/14 13:37	NJT	TAL CAN
Total/NA	Analysis	300.0		1	132558	05/30/14 07:43	LKG	TAL CAN
Total/NA	Prep	Distill/CN			133478	06/05/14 08:20	NJE	TAL CAN
Total/NA	Analysis	335.2		1	133572	06/05/14 11:23	NJE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T01-001, Racer Elyria

TestAmerica Job ID: 240-37693-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
Connecticut	State Program	1	PH-0590	12-31-14
Florida	NELAP	4	E87225	06-30-14 *
Georgia	State Program	4	N/A	06-30-14 *
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-15
Kentucky (UST)	State Program	4	58	06-30-14 *
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-14
Nevada	State Program	9	OH-000482008A	07-31-14 *
New Jersey	NELAP	2	OH001	06-30-14 *
New York	NELAP	2	10975	03-31-15
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-15
West Virginia DEP	State Program	3	210	12-31-14
Wisconsin	State Program	5	999518190	08-31-14 *

* Certification renewal pending - certification considered valid.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS

240-37693 Chain of Custody

Chain of Custody Record

2.6

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	5-23-14	253812
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 3**
1805 E. Perkins	419-609-1339		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hackler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER (OH)			
Contract/Purchase Order/Quote No.			
12616-T01-001Y14			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Tot. metals	Dis. metals	Chloride	Sulfate	CN	Special Instructions/ Conditions of Receipt
wb-12616-051914-DN-01	5-19-14	1600		X									X	X	X	X	X	* Dis. metals was field filtered
wb-12616-052014-DN-02	5-20-14	1020		X									X		X	X	X	
03	↓	1140		X									X		X	X	X	
04	↓	1600		X									X		X	X	X	
05	↓	1735		X									X		X	X	X	
06	↓	1850		X									X		X	X	X	
wb-12616-052114-DN-07	5-21-14	0830		X									X		X	X	X	
08	↓	1005		X									X		X	X	X	
09	↓	1155		X									X		X	X	X	
10	↓	1405		X									X		X	X	X	
11	↓	1450		X									X		X	X	X	
12	↓	1605		X									X		X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Dan Newton	5/23/14	1515	1. Received By: TA Courier	5-23-14	1515
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

0.8

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	5-23-14	253811
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 3**
1805 E. Perkins	419-609-1339		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Hecklar	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER (OH)			
Contract/Purchase Order/Quote No.			
12616-TO1-001 Y14			

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Tot. metals	Cl, S, CN	Special Instructions/ Conditions of Receipt
wb-12616-052114-DN-13	5-21-14	1715		X									X	X	
-14		1825		X									X	X	
wb-12616-052214-DN-15	5-22-14	0755		X									X	X	
-16		0920		X									X	X	
-17		1345		X									X	X	
-18		1525		X									X	X	
-19		1650		X									X	X	MS/MSD
wb-12616-052314-DN-20	5-23-14	0735		X									X	X	
21		0805		X									X	X	
22		0840		X									X	X	
23		0915		X									X	X	
24		1025		X									X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Don Newton	5-23-14	1515	1. Received By: Robert Mayer TA Canton	5-23-14	1515
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

2.2

Temperature on Receipt _____

Drinking Water? Yes☐ No☐

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
CRA	A. LaVine	5-23-14	253813
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 3 of 3**
1805 E. Perkins	419-609-1339		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Sandusky / OH / 44870	D. Newton	D. Heckler	
Project Name and Location (State)	**Carrier/Waybill Number**		
Elyria RACER (OH)			
Contract/Purchase Order/Quote No.			
12616-Tol-001914			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Tot. Metals	Cl, S, CN	Special Instructions/ Conditions of Receipt
WG-12616-052314-DN-25	5.23.14	1115		X									X	X	
-26		1210		X									X	X	
-27		1315		X									X	X	
RB-12616-052314-DN-28		1345		X									X	X	Rinse Blank

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
Dr Newton	5/23/14	1515	TA Courier	5-23-14	1525
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica Canton Sample Receipt Form/Narrative Login # : 37693
Canton Facility

Client CRA Site Name _____ Cooler unpacked by: [signature]

Cooler Received on 5/23/14 Opened on 5/23/14

FedEx: 1st Grd Exp UPS FAS Stetson (Client Drop Off) TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box (Client Cooler) Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +0 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 4	(CF -1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	☒ See Multiple Cooler Form
IR GUN# 5	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	
IR GUN# 8	(CF +1 °C) Observed Cooler Temp._____°C	Corrected Cooler Temp._____°C	

2. Were custody seals on the outside of the cooler(s)?	If Yes Quantity_____	Yes (No)
-Were custody seals on the outside of the cooler(s) signed & dated?		Yes No (NA)
-Were custody seals on the bottle(s)?		Yes (No)
3. Shippers' packing slip attached to the cooler(s)?		Yes (No)
4. Did custody papers accompany the sample(s)?		(Yes) No
5. Were the custody papers relinquished & signed in the appropriate place?		(Yes) No
6. Did all bottles arrive in good condition (Unbroken)?		(Yes) No
7. Could all bottle labels be reconciled with the COC?		(Yes) No
8. Were correct bottle(s) used for the test(s) indicated?		(Yes) No
9. Sufficient quantity received to perform indicated analyses?		(Yes) No
10. Were sample(s) at the correct pH upon receipt?		(Yes) No NA pH Strip Lot# HC302587
11. Were VOAs on the COC?		Yes (No)
12. Were air bubbles >6 mm in any VOA vials?		Yes No (NA)
13. Was a trip blank present in the cooler(s)?		Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: [signature]

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica Multiple Cooler Receipt Form/Narrative
Canton Facility

Login # : 327693

Cooler #	IR Gun #	Observed Temp °C	Corrected Temp °C	Coolant
Client	A	2.6	2.6	Ice
Client	A	0.8	0.8	Ice
Client	A	2.2	2.2	Ice

C:\Users\livengoodc\AppData\Local\Microsoft\Windows\Temporary Internet Files\OLKD16\WI-NC-099-031813 Cooler Receipt Form_page 2 - Multiple Coolers.doc
Revision 3, 3/18/13 rls

Login Container Summary Report

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
WG-12616-051914-DN-01	240-37693-B-1	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-051914-DN-01	240-37693-C-1	Plastic 500ml - w/ Nitric - Dis.	<2		
WG-12616-051914-DN-01	240-37693-D-1	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052014-DN-02	240-37693-B-2	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052014-DN-02	240-37693-C-2	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052014-DN-03	240-37693-B-3	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052014-DN-03	240-37693-C-3	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052014-DN-04	240-37693-B-4	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052014-DN-04	240-37693-C-4	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052014-DN-05	240-37693-B-5	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052014-DN-05	240-37693-C-5	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052014-DN-06	240-37693-B-6	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052014-DN-06	240-37693-C-6	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-07	240-37693-B-7	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-07	240-37693-C-7	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-08	240-37693-B-8	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-08	240-37693-C-8	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-09	240-37693-B-9	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-09	240-37693-C-9	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-10	240-37693-B-10	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-10	240-37693-C-10	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-11	240-37693-B-11	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-11	240-37693-C-11	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-12	240-37693-B-12	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-12	240-37693-C-12	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-13	240-37693-B-13	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-13	240-37693-C-13	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052114-DN-14	240-37693-B-14	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052114-DN-14	240-37693-C-14	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052214-DN-15	240-37693-B-15	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052214-DN-15	240-37693-C-15	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052214-DN-16	240-37693-B-16	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052214-DN-16	240-37693-C-16	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052214-DN-17	240-37693-B-17	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052214-DN-17	240-37693-C-17	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052214-DN-18	240-37693-B-18	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052214-DN-18	240-37693-C-18	Plastic 500ml - with Nitric Acid	<2		

Client Sample ID	Lab ID	Container Type	Container pH	Preservative Added (mls)	Lot #
WG-12616-052214-DN-19	240-37693-C-19	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052214-DN-19	240-37693-D-19	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052214-DN-19	240-37693-E-19	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052214-DN-19	240-37693-F-19	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-20	240-37693-B-20	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-20	240-37693-C-20	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-21	240-37693-B-21	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-21	240-37693-C-21	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-22	240-37693-B-22	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-22	240-37693-C-22	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-23	240-37693-B-23	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-23	240-37693-C-23	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-24	240-37693-B-24	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-24	240-37693-C-24	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-25	240-37693-B-25	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-25	240-37693-C-25	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-26	240-37693-B-26	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-26	240-37693-C-26	Plastic 500ml - with Nitric Acid	<2		
WG-12616-052314-DN-27	240-37693-B-27	Plastic 250ml - with Sodium Hydrox	>12		
WG-12616-052314-DN-27	240-37693-C-27	Plastic 500ml - with Nitric Acid	<2		
RB-12616-052314-DN-28	240-37693-B-28	Plastic 250ml - with Sodium Hydrox	>12		
RB-12616-052314-DN-28	240-37693-C-28	Plastic 500ml - with Nitric Acid	<2		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-41608-1
Client Project/Site: 12616-T02, OVAP Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
9/16/2014 3:26:31 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-41608-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, OVAP Racer Elyria

Report Number: 240-41608-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable. The following requested analytes, parameter groups or methods analyzed and contained in this report are not certified by the laboratory: Cyclohexane, Methyl Acetate, Methylcyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane by SW846 8260B (Samples 1 - 25).

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 9/6/2014 12:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.8º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples WG-12616-090214-DN-01 (240-41608-1), WG-12616-090214-DN-02 (240-41608-2), WG-12616-090214-DN-03 (240-41608-3), WG-12616-090314-DN-04 (240-41608-4), WG-12616-090314-DN-05 (240-41608-5), WG-12616-090314-DN-06 (240-41608-6), WG-12616-090314-DN-07 (240-41608-7), WG-12616-090314-DN-08 (240-41608-8), WG-12616-090314-DN-09 (240-41608-9), WG-12616-090414-DN-10 (240-41608-10), WG-12616-090414-DN-11 (240-41608-11), WG-12616-090414-DN-12 (240-41608-12), WG-12616-090414-DN-13 (240-41608-13), WG-12616-090414-DN-14 (240-41608-14), WG-12616-090414-DN-15 (240-41608-15), WG-12616-090414-DN-16 (240-41608-16), WG-12616-090414-DN-17 (240-41608-17), WG-12616-090514-DN-18 (240-41608-18), WG-12616-090514-DN-19 (240-41608-19), WG-12616-090514-DN-20 (240-41608-20), WG-12616-090514-DN-21 (240-41608-21), WG-12616-090514-DN-22 (240-41608-22), WG-12616-090514-DN-23 (240-41608-23), WG-12616-090514-DN-24 (240-41608-24) and TB-12616-001 (240-41608-25) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B.

Job ID: 240-41608-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

The samples were analyzed on 09/09/2014, 09/10/2014 and 09/11/2014.

Methylene Chloride failed the recovery criteria high for LCS 240-146536/4. This analyte was biased high in the LCS and was not detected in the associated samples above the reporting limit; therefore, the data have been reported.

1,2,4-Trichlorobenzene exceeded the RPD limit for the MSD of sample WG-12616-090214-DN-01MSD (240-41608-1) in batch 240-146406.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-41608-1	WG-12616-090214-DN-01	Water	09/02/14 15:00	09/06/14 12:40
240-41608-2	WG-12616-090214-DN-02	Water	09/02/14 16:25	09/06/14 12:40
240-41608-3	WG-12616-090214-DN-03	Water	09/02/14 17:40	09/06/14 12:40
240-41608-4	WG-12616-090314-DN-04	Water	09/03/14 07:55	09/06/14 12:40
240-41608-5	WG-12616-090314-DN-05	Water	09/03/14 09:15	09/06/14 12:40
240-41608-6	WG-12616-090314-DN-06	Water	09/03/14 14:00	09/06/14 12:40
240-41608-7	WG-12616-090314-DN-07	Water	09/03/14 15:40	09/06/14 12:40
240-41608-8	WG-12616-090314-DN-08	Water	09/03/14 17:15	09/06/14 12:40
240-41608-9	WG-12616-090314-DN-09	Water	09/03/14 18:10	09/06/14 12:40
240-41608-10	WG-12616-090414-DN-10	Water	09/04/14 08:30	09/06/14 12:40
240-41608-11	WG-12616-090414-DN-11	Water	09/04/14 09:30	09/06/14 12:40
240-41608-12	WG-12616-090414-DN-12	Water	09/04/14 10:50	09/06/14 12:40
240-41608-13	WG-12616-090414-DN-13	Water	09/04/14 11:20	09/06/14 12:40
240-41608-14	WG-12616-090414-DN-14	Water	09/04/14 12:35	09/06/14 12:40
240-41608-15	WG-12616-090414-DN-15	Water	09/04/14 13:45	09/06/14 12:40
240-41608-16	WG-12616-090414-DN-16	Water	09/04/14 16:00	09/06/14 12:40
240-41608-17	WG-12616-090414-DN-17	Water	09/04/14 17:35	09/06/14 12:40
240-41608-18	WG-12616-090514-DN-18	Water	09/05/14 08:50	09/06/14 12:40
240-41608-19	WG-12616-090514-DN-19	Water	09/05/14 12:20	09/06/14 12:40
240-41608-20	WG-12616-090514-DN-20	Water	09/05/14 13:15	09/06/14 12:40
240-41608-21	WG-12616-090514-DN-21	Water	09/05/14 14:25	09/06/14 12:40
240-41608-22	WG-12616-090514-DN-22	Water	09/05/14 15:55	09/06/14 12:40
240-41608-23	WG-12616-090514-DN-23	Water	09/05/14 17:05	09/06/14 12:40
240-41608-24	WG-12616-090514-DN-24	Water	09/05/14 18:00	09/06/14 12:40
240-41608-25	TB-12616-001	Water	09/02/14 00:00	09/06/14 12:40

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-01 — **Lab Sample ID: 240-41608-1**

No Detections.

Client Sample ID: WG-12616-090214-DN-02 — **Lab Sample ID: 240-41608-2**

No Detections.

Client Sample ID: WG-12616-090214-DN-03 — **Lab Sample ID: 240-41608-3**

No Detections.

Client Sample ID: WG-12616-090314-DN-04 — **Lab Sample ID: 240-41608-4**

No Detections.

Client Sample ID: WG-12616-090314-DN-05 — **Lab Sample ID: 240-41608-5**

No Detections.

Client Sample ID: WG-12616-090314-DN-06 — **Lab Sample ID: 240-41608-6**

No Detections.

Client Sample ID: WG-12616-090314-DN-07 — **Lab Sample ID: 240-41608-7**

No Detections.

Client Sample ID: WG-12616-090314-DN-08 — **Lab Sample ID: 240-41608-8**

No Detections.

Client Sample ID: WG-12616-090314-DN-09 — **Lab Sample ID: 240-41608-9**

No Detections.

Client Sample ID: WG-12616-090414-DN-10 — **Lab Sample ID: 240-41608-10**

No Detections.

Client Sample ID: WG-12616-090414-DN-11 — **Lab Sample ID: 240-41608-11**

No Detections.

Client Sample ID: WG-12616-090414-DN-12 — **Lab Sample ID: 240-41608-12**

No Detections.

Client Sample ID: WG-12616-090414-DN-13 — **Lab Sample ID: 240-41608-13**

No Detections.

Client Sample ID: WG-12616-090414-DN-14 — **Lab Sample ID: 240-41608-14**

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-15 — Lab Sample ID: 240-41608-15

No Detections.

Client Sample ID: WG-12616-090414-DN-16 — Lab Sample ID: 240-41608-16

No Detections.

Client Sample ID: WG-12616-090414-DN-17 — Lab Sample ID: 240-41608-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.20	J	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090514-DN-18 — Lab Sample ID: 240-41608-18

No Detections.

Client Sample ID: WG-12616-090514-DN-19 — Lab Sample ID: 240-41608-19

No Detections.

Client Sample ID: WG-12616-090514-DN-20 — Lab Sample ID: 240-41608-20

No Detections.

Client Sample ID: WG-12616-090514-DN-21 — Lab Sample ID: 240-41608-21

No Detections.

Client Sample ID: WG-12616-090514-DN-22 — Lab Sample ID: 240-41608-22

No Detections.

Client Sample ID: WG-12616-090514-DN-23 — Lab Sample ID: 240-41608-23

No Detections.

Client Sample ID: WG-12616-090514-DN-24 — Lab Sample ID: 240-41608-24

No Detections.

Client Sample ID: TB-12616-001 — Lab Sample ID: 240-41608-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.9	J	10	3.4	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-01
Date Collected: 09/02/14 15:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 16:35	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 16:35	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 16:35	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 16:35	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 16:35	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 16:35	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 16:35	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 16:35	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 16:35	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 16:35	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 16:35	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 16:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 16:35	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 16:35	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 16:35	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 16:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 16:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 16:35	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 16:35	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 16:35	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 16:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 16:35	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 16:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 16:35	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 16:35	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 16:35	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 16:35	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 16:35	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 16:35	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 16:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 16:35	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 16:35	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 16:35	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 16:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 16:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 16:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 16:35	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 16:35	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 16:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 16:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 16:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 16:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 16:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 16:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 16:35	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 16:35	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 16:35	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 16:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-01
Date Collected: 09/02/14 15:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/10/14 16:35	1
4-Bromofluorobenzene (Surr)	81		66 - 120		09/10/14 16:35	1
Toluene-d8 (Surr)	88		74 - 120		09/10/14 16:35	1
Dibromofluoromethane (Surr)	100		75 - 121		09/10/14 16:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-02
Date Collected: 09/02/14 16:25
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 22:37	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 22:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 22:37	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 22:37	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 22:37	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 22:37	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 22:37	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 22:37	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 22:37	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 22:37	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 22:37	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 22:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 22:37	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 22:37	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 22:37	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 22:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 22:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 22:37	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 22:37	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 22:37	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 22:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 22:37	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 22:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 22:37	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 22:37	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 22:37	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 22:37	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 22:37	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 22:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 22:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 22:37	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 22:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 22:37	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 22:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 22:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 22:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 22:37	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 22:37	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 22:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 22:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 22:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 22:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 22:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 22:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 22:37	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 22:37	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 22:37	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 22:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-02
Date Collected: 09/02/14 16:25
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/10/14 22:37	1
4-Bromofluorobenzene (Surr)	79		66 - 120		09/10/14 22:37	1
Toluene-d8 (Surr)	88		74 - 120		09/10/14 22:37	1
Dibromofluoromethane (Surr)	102		75 - 121		09/10/14 22:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-03
Date Collected: 09/02/14 17:40
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 22:59	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 22:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 22:59	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 22:59	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 22:59	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 22:59	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 22:59	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 22:59	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 22:59	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 22:59	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 22:59	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 22:59	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 22:59	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 22:59	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 22:59	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 22:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 22:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 22:59	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 22:59	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 22:59	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 22:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 22:59	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 22:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 22:59	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 22:59	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 22:59	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 22:59	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 22:59	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 22:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 22:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 22:59	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 22:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 22:59	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 22:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 22:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 22:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 22:59	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 22:59	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 22:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 22:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 22:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 22:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 22:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 22:59	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 22:59	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 22:59	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 22:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090214-DN-03
Date Collected: 09/02/14 17:40
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/10/14 22:59	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/10/14 22:59	1
Toluene-d8 (Surr)	86		74 - 120		09/10/14 22:59	1
Dibromofluoromethane (Surr)	102		75 - 121		09/10/14 22:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-04
Date Collected: 09/03/14 07:55
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 23:22	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 23:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 23:22	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 23:22	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 23:22	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 23:22	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 23:22	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 23:22	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 23:22	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 23:22	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 23:22	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 23:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 23:22	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 23:22	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 23:22	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 23:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 23:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 23:22	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 23:22	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 23:22	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 23:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 23:22	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 23:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 23:22	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 23:22	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 23:22	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 23:22	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 23:22	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 23:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 23:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 23:22	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 23:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 23:22	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 23:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 23:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 23:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 23:22	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 23:22	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 23:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 23:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 23:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 23:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 23:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 23:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 23:22	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 23:22	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 23:22	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 23:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-04
Date Collected: 09/03/14 07:55
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/10/14 23:22	1
4-Bromofluorobenzene (Surr)	78		66 - 120		09/10/14 23:22	1
Toluene-d8 (Surr)	87		74 - 120		09/10/14 23:22	1
Dibromofluoromethane (Surr)	101		75 - 121		09/10/14 23:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-05
Date Collected: 09/03/14 09:15
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 23:45	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 23:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 23:45	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 23:45	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 23:45	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 23:45	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 23:45	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 23:45	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 23:45	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 23:45	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 23:45	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 23:45	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 23:45	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 23:45	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 23:45	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 23:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 23:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 23:45	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 23:45	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 23:45	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 23:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 23:45	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 23:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 23:45	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 23:45	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 23:45	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 23:45	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 23:45	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 23:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 23:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 23:45	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 23:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 23:45	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 23:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 23:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 23:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 23:45	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 23:45	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 23:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 23:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 23:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 23:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 23:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 23:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 23:45	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 23:45	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 23:45	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 23:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-05
Date Collected: 09/03/14 09:15
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		09/10/14 23:45	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/10/14 23:45	1
Toluene-d8 (Surr)	85		74 - 120		09/10/14 23:45	1
Dibromofluoromethane (Surr)	102		75 - 121		09/10/14 23:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-06
Date Collected: 09/03/14 14:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 18:39	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 18:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 18:39	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 18:39	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 18:39	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 18:39	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 18:39	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 18:39	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 18:39	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 18:39	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 18:39	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 18:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 18:39	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 18:39	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 18:39	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 18:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 18:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 18:39	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 18:39	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 18:39	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 18:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 18:39	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 18:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 18:39	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 18:39	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 18:39	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 18:39	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 18:39	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 18:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 18:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 18:39	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 18:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 18:39	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 18:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 18:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 18:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 18:39	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 18:39	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 18:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 18:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 18:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 18:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 18:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 18:39	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 18:39	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 18:39	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 18:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-06
Date Collected: 09/03/14 14:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		09/10/14 18:39	1
4-Bromofluorobenzene (Surr)	92		66 - 120		09/10/14 18:39	1
Toluene-d8 (Surr)	98		74 - 120		09/10/14 18:39	1
Dibromofluoromethane (Surr)	92		75 - 121		09/10/14 18:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-07
Date Collected: 09/03/14 15:40
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 19:01	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 19:01	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 19:01	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 19:01	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 19:01	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 19:01	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 19:01	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 19:01	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 19:01	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 19:01	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 19:01	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 19:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 19:01	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 19:01	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 19:01	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 19:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 19:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 19:01	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 19:01	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 19:01	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 19:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 19:01	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 19:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 19:01	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 19:01	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 19:01	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 19:01	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 19:01	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 19:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 19:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 19:01	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 19:01	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 19:01	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 19:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 19:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 19:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 19:01	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 19:01	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 19:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 19:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 19:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 19:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 19:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 19:01	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 19:01	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 19:01	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 19:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-07
Date Collected: 09/03/14 15:40
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/10/14 19:01	1
4-Bromofluorobenzene (Surr)	92		66 - 120		09/10/14 19:01	1
Toluene-d8 (Surr)	98		74 - 120		09/10/14 19:01	1
Dibromofluoromethane (Surr)	93		75 - 121		09/10/14 19:01	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-08
Date Collected: 09/03/14 17:15
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 19:24	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 19:24	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 19:24	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 19:24	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 19:24	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 19:24	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 19:24	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 19:24	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 19:24	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 19:24	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 19:24	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 19:24	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 19:24	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 19:24	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 19:24	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 19:24	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 19:24	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 19:24	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 19:24	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 19:24	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 19:24	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 19:24	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 19:24	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 19:24	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 19:24	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 19:24	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 19:24	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 19:24	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 19:24	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 19:24	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 19:24	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 19:24	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 19:24	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 19:24	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 19:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 19:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 19:24	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 19:24	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 19:24	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 19:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 19:24	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 19:24	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 19:24	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 19:24	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 19:24	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 19:24	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 19:24	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 19:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-08
Date Collected: 09/03/14 17:15
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		09/10/14 19:24	1
4-Bromofluorobenzene (Surr)	92		66 - 120		09/10/14 19:24	1
Toluene-d8 (Surr)	96		74 - 120		09/10/14 19:24	1
Dibromofluoromethane (Surr)	93		75 - 121		09/10/14 19:24	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-09
Date Collected: 09/03/14 18:10
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 19:47	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 19:47	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 19:47	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 19:47	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 19:47	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 19:47	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 19:47	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 19:47	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 19:47	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 19:47	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 19:47	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 19:47	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 19:47	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 19:47	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 19:47	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 19:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 19:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 19:47	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 19:47	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 19:47	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 19:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 19:47	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 19:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 19:47	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 19:47	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 19:47	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 19:47	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 19:47	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 19:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 19:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 19:47	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 19:47	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 19:47	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 19:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 19:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 19:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 19:47	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 19:47	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 19:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 19:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 19:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 19:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 19:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 19:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 19:47	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 19:47	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 19:47	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 19:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090314-DN-09
Date Collected: 09/03/14 18:10
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		09/10/14 19:47	1
4-Bromofluorobenzene (Surr)	90		66 - 120		09/10/14 19:47	1
Toluene-d8 (Surr)	97		74 - 120		09/10/14 19:47	1
Dibromofluoromethane (Surr)	93		75 - 121		09/10/14 19:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-10
Date Collected: 09/04/14 08:30
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 20:09	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 20:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 20:09	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 20:09	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 20:09	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 20:09	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 20:09	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 20:09	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 20:09	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 20:09	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 20:09	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 20:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 20:09	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 20:09	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 20:09	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 20:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 20:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 20:09	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 20:09	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 20:09	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 20:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 20:09	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 20:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 20:09	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 20:09	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 20:09	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 20:09	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 20:09	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 20:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 20:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 20:09	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 20:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 20:09	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 20:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 20:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 20:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 20:09	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 20:09	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 20:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 20:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 20:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 20:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 20:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 20:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 20:09	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 20:09	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 20:09	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 20:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-10
Date Collected: 09/04/14 08:30
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		09/10/14 20:09	1
4-Bromofluorobenzene (Surr)	91		66 - 120		09/10/14 20:09	1
Toluene-d8 (Surr)	98		74 - 120		09/10/14 20:09	1
Dibromofluoromethane (Surr)	93		75 - 121		09/10/14 20:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-11
Date Collected: 09/04/14 09:30
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 20:32	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 20:32	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 20:32	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 20:32	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 20:32	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 20:32	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 20:32	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 20:32	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 20:32	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 20:32	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 20:32	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 20:32	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 20:32	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 20:32	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 20:32	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 20:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 20:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 20:32	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 20:32	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 20:32	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 20:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 20:32	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 20:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 20:32	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 20:32	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 20:32	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 20:32	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 20:32	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 20:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 20:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 20:32	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 20:32	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 20:32	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 20:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 20:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 20:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 20:32	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 20:32	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 20:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 20:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 20:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 20:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 20:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 20:32	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 20:32	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 20:32	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 20:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-11
Date Collected: 09/04/14 09:30
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/10/14 20:32	1
4-Bromofluorobenzene (Surr)	91		66 - 120		09/10/14 20:32	1
Toluene-d8 (Surr)	97		74 - 120		09/10/14 20:32	1
Dibromofluoromethane (Surr)	94		75 - 121		09/10/14 20:32	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-12
Date Collected: 09/04/14 10:50
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 16:52	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 16:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 16:52	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 16:52	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 16:52	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 16:52	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 16:52	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 16:52	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 16:52	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 16:52	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 16:52	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 16:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 16:52	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 16:52	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 16:52	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 16:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 16:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 16:52	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 16:52	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 16:52	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 16:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 16:52	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 16:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 16:52	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 16:52	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 16:52	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 16:52	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 16:52	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 16:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 16:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 16:52	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 16:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 16:52	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 16:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 16:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 16:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 16:52	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 16:52	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 16:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 16:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 16:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 16:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 16:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 16:52	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 16:52	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 16:52	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-12
Date Collected: 09/04/14 10:50
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		09/11/14 16:52	1
4-Bromofluorobenzene (Surr)	76		66 - 120		09/11/14 16:52	1
Toluene-d8 (Surr)	84		74 - 120		09/11/14 16:52	1
Dibromofluoromethane (Surr)	98		75 - 121		09/11/14 16:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-13
Date Collected: 09/04/14 11:20
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 17:14	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 17:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 17:14	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 17:14	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 17:14	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 17:14	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 17:14	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 17:14	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 17:14	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 17:14	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 17:14	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 17:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 17:14	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 17:14	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 17:14	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 17:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 17:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 17:14	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 17:14	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 17:14	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 17:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 17:14	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 17:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 17:14	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 17:14	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 17:14	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 17:14	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 17:14	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 17:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 17:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 17:14	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 17:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 17:14	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 17:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 17:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 17:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 17:14	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 17:14	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 17:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 17:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 17:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 17:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 17:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 17:14	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 17:14	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 17:14	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 17:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-13
Date Collected: 09/04/14 11:20
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		09/11/14 17:14	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/11/14 17:14	1
Toluene-d8 (Surr)	83		74 - 120		09/11/14 17:14	1
Dibromofluoromethane (Surr)	98		75 - 121		09/11/14 17:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-14
Date Collected: 09/04/14 12:35
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 17:37	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 17:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 17:37	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 17:37	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 17:37	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 17:37	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 17:37	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 17:37	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 17:37	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 17:37	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 17:37	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 17:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 17:37	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 17:37	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 17:37	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 17:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 17:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 17:37	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 17:37	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 17:37	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 17:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 17:37	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 17:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 17:37	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 17:37	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 17:37	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 17:37	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 17:37	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 17:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 17:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 17:37	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 17:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 17:37	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 17:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 17:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 17:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 17:37	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 17:37	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 17:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 17:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 17:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 17:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 17:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 17:37	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 17:37	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 17:37	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 17:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-14
Date Collected: 09/04/14 12:35
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/11/14 17:37	1
4-Bromofluorobenzene (Surr)	78		66 - 120		09/11/14 17:37	1
Toluene-d8 (Surr)	83		74 - 120		09/11/14 17:37	1
Dibromofluoromethane (Surr)	98		75 - 121		09/11/14 17:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-15
Date Collected: 09/04/14 13:45
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 17:59	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 17:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 17:59	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 17:59	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 17:59	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 17:59	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 17:59	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 17:59	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 17:59	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 17:59	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 17:59	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 17:59	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 17:59	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 17:59	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 17:59	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 17:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 17:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 17:59	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 17:59	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 17:59	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 17:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 17:59	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 17:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 17:59	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 17:59	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 17:59	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 17:59	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 17:59	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 17:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 17:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 17:59	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 17:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 17:59	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 17:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 17:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 17:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 17:59	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 17:59	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 17:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 17:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 17:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 17:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 17:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 17:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 17:59	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 17:59	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 17:59	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 17:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-15
Date Collected: 09/04/14 13:45
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		09/11/14 17:59	1
4-Bromofluorobenzene (Surr)	78		66 - 120		09/11/14 17:59	1
Toluene-d8 (Surr)	83		74 - 120		09/11/14 17:59	1
Dibromofluoromethane (Surr)	99		75 - 121		09/11/14 17:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-16
Date Collected: 09/04/14 16:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 18:21	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 18:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 18:21	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 18:21	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 18:21	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 18:21	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 18:21	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 18:21	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 18:21	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 18:21	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 18:21	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 18:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 18:21	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 18:21	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 18:21	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 18:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 18:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 18:21	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 18:21	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 18:21	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 18:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 18:21	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 18:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 18:21	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 18:21	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 18:21	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 18:21	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 18:21	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 18:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 18:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 18:21	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 18:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 18:21	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 18:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 18:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 18:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 18:21	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 18:21	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 18:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 18:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 18:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 18:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 18:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 18:21	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 18:21	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 18:21	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 18:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-16
Date Collected: 09/04/14 16:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		09/11/14 18:21	1
4-Bromofluorobenzene (Surr)	78		66 - 120		09/11/14 18:21	1
Toluene-d8 (Surr)	83		74 - 120		09/11/14 18:21	1
Dibromofluoromethane (Surr)	100		75 - 121		09/11/14 18:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-17
Date Collected: 09/04/14 17:35
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 18:44	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 18:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 18:44	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 18:44	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 18:44	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 18:44	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 18:44	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 18:44	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 18:44	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 18:44	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 18:44	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 18:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 18:44	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 18:44	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 18:44	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 18:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 18:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 18:44	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 18:44	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 18:44	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 18:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 18:44	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 18:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 18:44	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 18:44	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 18:44	1
Trichloroethene	**0.20**	**J**	1.0	0.15	ug/L			09/11/14 18:44	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 18:44	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 18:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 18:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 18:44	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 18:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 18:44	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 18:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 18:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 18:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 18:44	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 18:44	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 18:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 18:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 18:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 18:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 18:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 18:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 18:44	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 18:44	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 18:44	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 18:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090414-DN-17
Date Collected: 09/04/14 17:35
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		09/11/14 18:44	1
4-Bromofluorobenzene (Surr)	78		66 - 120		09/11/14 18:44	1
Toluene-d8 (Surr)	83		74 - 120		09/11/14 18:44	1
Dibromofluoromethane (Surr)	97		75 - 121		09/11/14 18:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-18
Date Collected: 09/05/14 08:50
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 19:06	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 19:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 19:06	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 19:06	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 19:06	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 19:06	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 19:06	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 19:06	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 19:06	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 19:06	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 19:06	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 19:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 19:06	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 19:06	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 19:06	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 19:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 19:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 19:06	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 19:06	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 19:06	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 19:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 19:06	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 19:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 19:06	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 19:06	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 19:06	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 19:06	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 19:06	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 19:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 19:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 19:06	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 19:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 19:06	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 19:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 19:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 19:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 19:06	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 19:06	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 19:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 19:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 19:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 19:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 19:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 19:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 19:06	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 19:06	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 19:06	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 19:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-18
Date Collected: 09/05/14 08:50
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		09/11/14 19:06	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/11/14 19:06	1
Toluene-d8 (Surr)	81		74 - 120		09/11/14 19:06	1
Dibromofluoromethane (Surr)	102		75 - 121		09/11/14 19:06	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-19
Date Collected: 09/05/14 12:20
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 19:28	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 19:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 19:28	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 19:28	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 19:28	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 19:28	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 19:28	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 19:28	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 19:28	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 19:28	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 19:28	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 19:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 19:28	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 19:28	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 19:28	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 19:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 19:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 19:28	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 19:28	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 19:28	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 19:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 19:28	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 19:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 19:28	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 19:28	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 19:28	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 19:28	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 19:28	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 19:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 19:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 19:28	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 19:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 19:28	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 19:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 19:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 19:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 19:28	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 19:28	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 19:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 19:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 19:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 19:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 19:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 19:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 19:28	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 19:28	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 19:28	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 19:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-19
Date Collected: 09/05/14 12:20
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		09/11/14 19:28	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/11/14 19:28	1
Toluene-d8 (Surr)	82		74 - 120		09/11/14 19:28	1
Dibromofluoromethane (Surr)	98		75 - 121		09/11/14 19:28	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-20
Date Collected: 09/05/14 13:15
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 19:50	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 19:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 19:50	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 19:50	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 19:50	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 19:50	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 19:50	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 19:50	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 19:50	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 19:50	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 19:50	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 19:50	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 19:50	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 19:50	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 19:50	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 19:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 19:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 19:50	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 19:50	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 19:50	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 19:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 19:50	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 19:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 19:50	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 19:50	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 19:50	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 19:50	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 19:50	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 19:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 19:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 19:50	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 19:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 19:50	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 19:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 19:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 19:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 19:50	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 19:50	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 19:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 19:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 19:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 19:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 19:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 19:50	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 19:50	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 19:50	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 19:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-20
Date Collected: 09/05/14 13:15
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		09/11/14 19:50	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/11/14 19:50	1
Toluene-d8 (Surr)	85		74 - 120		09/11/14 19:50	1
Dibromofluoromethane (Surr)	98		75 - 121		09/11/14 19:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-21
Date Collected: 09/05/14 14:25
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 17:34	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 17:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 17:34	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 17:34	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 17:34	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 17:34	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 17:34	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 17:34	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 17:34	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 17:34	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 17:34	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 17:34	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 17:34	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 17:34	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 17:34	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 17:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 17:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 17:34	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 17:34	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 17:34	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 17:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 17:34	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 17:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 17:34	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 17:34	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 17:34	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 17:34	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 17:34	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 17:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 17:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 17:34	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 17:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 17:34	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 17:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 17:34	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 17:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 17:34	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 17:34	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 17:34	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 17:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 17:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 17:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 17:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 17:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 17:34	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 17:34	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 17:34	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 17:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-21
Date Collected: 09/05/14 14:25
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84		63 - 129		09/10/14 17:34	1
4-Bromofluorobenzene (Surr)	79		66 - 120		09/10/14 17:34	1
Toluene-d8 (Surr)	86		74 - 120		09/10/14 17:34	1
Dibromofluoromethane (Surr)	101		75 - 121		09/10/14 17:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-22
Date Collected: 09/05/14 15:55
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 17:57	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 17:57	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 17:57	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 17:57	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 17:57	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 17:57	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 17:57	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 17:57	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 17:57	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 17:57	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 17:57	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 17:57	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 17:57	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 17:57	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 17:57	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 17:57	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 17:57	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 17:57	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 17:57	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 17:57	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 17:57	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 17:57	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 17:57	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 17:57	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 17:57	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 17:57	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 17:57	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 17:57	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 17:57	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 17:57	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 17:57	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 17:57	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 17:57	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 17:57	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 17:57	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 17:57	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 17:57	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 17:57	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 17:57	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 17:57	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 17:57	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 17:57	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 17:57	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 17:57	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 17:57	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 17:57	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 17:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-22
Date Collected: 09/05/14 15:55
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		63 - 129		09/10/14 17:57	1
4-Bromofluorobenzene (Surr)	80		66 - 120		09/10/14 17:57	1
Toluene-d8 (Surr)	86		74 - 120		09/10/14 17:57	1
Dibromofluoromethane (Surr)	98		75 - 121		09/10/14 17:57	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-23
Date Collected: 09/05/14 17:05
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 20:13	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 20:13	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 20:13	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 20:13	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 20:13	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 20:13	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 20:13	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 20:13	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 20:13	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 20:13	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 20:13	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 20:13	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 20:13	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 20:13	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 20:13	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 20:13	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 20:13	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 20:13	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 20:13	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 20:13	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 20:13	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 20:13	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 20:13	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 20:13	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 20:13	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 20:13	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 20:13	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 20:13	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 20:13	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 20:13	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 20:13	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 20:13	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 20:13	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 20:13	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 20:13	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 20:13	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 20:13	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 20:13	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 20:13	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 20:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 20:13	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 20:13	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 20:13	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 20:13	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 20:13	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 20:13	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 20:13	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 20:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-23
Date Collected: 09/05/14 17:05
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		09/11/14 20:13	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/11/14 20:13	1
Toluene-d8 (Surr)	83		74 - 120		09/11/14 20:13	1
Dibromofluoromethane (Surr)	100		75 - 121		09/11/14 20:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-24
Date Collected: 09/05/14 18:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 20:35	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 20:35	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 20:35	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 20:35	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 20:35	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 20:35	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 20:35	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 20:35	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 20:35	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 20:35	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 20:35	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 20:35	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 20:35	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 20:35	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 20:35	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 20:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 20:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 20:35	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 20:35	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 20:35	1
Methylene Chloride	1.0	U *	1.0	0.28	ug/L			09/11/14 20:35	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 20:35	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 20:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 20:35	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 20:35	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 20:35	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 20:35	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 20:35	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 20:35	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 20:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 20:35	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 20:35	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 20:35	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 20:35	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 20:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 20:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 20:35	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 20:35	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 20:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 20:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 20:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 20:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 20:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 20:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 20:35	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 20:35	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 20:35	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 20:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: WG-12616-090514-DN-24
Date Collected: 09/05/14 18:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		09/11/14 20:35	1
4-Bromofluorobenzene (Surr)	78		66 - 120		09/11/14 20:35	1
Toluene-d8 (Surr)	81		74 - 120		09/11/14 20:35	1
Dibromofluoromethane (Surr)	98		75 - 121		09/11/14 20:35	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: TB-12616-001
Date Collected: 09/02/14 00:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.9	J	10	3.4	ug/L			09/09/14 15:09	1
Benzene	1.0	U	1.0	0.24	ug/L			09/09/14 15:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/14 15:09	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/09/14 15:09	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/09/14 15:09	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/09/14 15:09	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/09/14 15:09	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/09/14 15:09	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/09/14 15:09	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/09/14 15:09	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/09/14 15:09	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/09/14 15:09	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/09/14 15:09	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/09/14 15:09	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/09/14 15:09	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/09/14 15:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/09/14 15:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/09/14 15:09	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/09/14 15:09	1
2-Hexanone	10	U	10	3.9	ug/L			09/09/14 15:09	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/09/14 15:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/09/14 15:09	1
Styrene	1.0	U	1.0	0.45	ug/L			09/09/14 15:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/09/14 15:09	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/09/14 15:09	1
Toluene	1.0	U	1.0	0.22	ug/L			09/09/14 15:09	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/09/14 15:09	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/09/14 15:09	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/09/14 15:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/14 15:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/09/14 15:09	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/09/14 15:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/09/14 15:09	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/09/14 15:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/09/14 15:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/09/14 15:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/09/14 15:09	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/09/14 15:09	1
Methyl acetate	10	U	10	2.3	ug/L			09/09/14 15:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/09/14 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/09/14 15:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/09/14 15:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/09/14 15:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/09/14 15:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/09/14 15:09	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/09/14 15:09	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/09/14 15:09	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/09/14 15:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: TB-12616-001
Date Collected: 09/02/14 00:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		09/09/14 15:09	1
4-Bromofluorobenzene (Surr)	81		66 - 120		09/09/14 15:09	1
Toluene-d8 (Surr)	84		74 - 120		09/09/14 15:09	1
Dibromofluoromethane (Surr)	92		75 - 121		09/09/14 15:09	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-120)	(74-120)	(75-121)
240-41608-1	WG-12616-090214-DN-01	104	81	88	100
240-41608-1 MS	WG-12616-090214-DN-01	91	94	97	96
240-41608-1 MSD	WG-12616-090214-DN-01	88	94	93	93
240-41608-2	WG-12616-090214-DN-02	100	79	88	102
240-41608-3	WG-12616-090214-DN-03	100	77	86	102
240-41608-4	WG-12616-090314-DN-04	100	78	87	101
240-41608-5	WG-12616-090314-DN-05	98	75	85	102
240-41608-6	WG-12616-090314-DN-06	99	92	98	92
240-41608-7	WG-12616-090314-DN-07	101	92	98	93
240-41608-8	WG-12616-090314-DN-08	98	92	96	93
240-41608-9	WG-12616-090314-DN-09	97	90	97	93
240-41608-10	WG-12616-090414-DN-10	98	91	98	93
240-41608-11	WG-12616-090414-DN-11	101	91	97	94
240-41608-12	WG-12616-090414-DN-12	84	76	84	98
240-41608-13	WG-12616-090414-DN-13	84	77	83	98
240-41608-14	WG-12616-090414-DN-14	88	78	83	98
240-41608-15	WG-12616-090414-DN-15	88	78	83	99
240-41608-16	WG-12616-090414-DN-16	87	78	83	100
240-41608-17	WG-12616-090414-DN-17	86	78	83	97
240-41608-18	WG-12616-090514-DN-18	85	77	81	102
240-41608-19	WG-12616-090514-DN-19	86	77	82	98
240-41608-20	WG-12616-090514-DN-20	89	77	85	98
240-41608-21	WG-12616-090514-DN-21	84	79	86	101
240-41608-21 MS	WG-12616-090514-DN-21	76	77	95	89
240-41608-21 MSD	WG-12616-090514-DN-21	85	85	90	99
240-41608-22	WG-12616-090514-DN-22	83	80	86	98
240-41608-23	WG-12616-090514-DN-23	86	77	83	100
240-41608-24	WG-12616-090514-DN-24	87	78	81	98
240-41608-24 MS	WG-12616-090514-DN-24	79	87	91	95
240-41608-24 MSD	WG-12616-090514-DN-24	83	86	89	95
240-41608-25	TB-12616-001	85	81	84	92
LCS 240-146133/4	Lab Control Sample	75	92	87	81
LCS 240-146331/10	Lab Control Sample	97	97	99	97
LCS 240-146345/4	Lab Control Sample	80	89	92	95
LCS 240-146406/4	Lab Control Sample	91	95	95	94
LCS 240-146536/4	Lab Control Sample	87	87	89	106
MB 240-146133/5	Method Blank	82	82	83	87
MB 240-146331/12	Method Blank	97	93	98	91
MB 240-146345/5	Method Blank	83	77	84	92
MB 240-146406/6	Method Blank	99	80	87	97
MB 240-146536/5	Method Blank	86	79	81	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-146133/5
Matrix: Water
Analysis Batch: 146133

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/09/14 11:45	1
Benzene	1.0	U	1.0	0.24	ug/L			09/09/14 11:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/09/14 11:45	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/09/14 11:45	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/09/14 11:45	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/09/14 11:45	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/09/14 11:45	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/09/14 11:45	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/09/14 11:45	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/09/14 11:45	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/09/14 11:45	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/09/14 11:45	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/09/14 11:45	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/09/14 11:45	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/09/14 11:45	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/09/14 11:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/09/14 11:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/09/14 11:45	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/09/14 11:45	1
2-Hexanone	10	U	10	3.9	ug/L			09/09/14 11:45	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/09/14 11:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/09/14 11:45	1
Styrene	1.0	U	1.0	0.45	ug/L			09/09/14 11:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/09/14 11:45	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/09/14 11:45	1
Toluene	1.0	U	1.0	0.22	ug/L			09/09/14 11:45	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/09/14 11:45	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/09/14 11:45	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/09/14 11:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/09/14 11:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/09/14 11:45	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/09/14 11:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/09/14 11:45	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/09/14 11:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/09/14 11:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/09/14 11:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/09/14 11:45	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/09/14 11:45	1
Methyl acetate	10	U	10	2.3	ug/L			09/09/14 11:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/09/14 11:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/09/14 11:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/09/14 11:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/09/14 11:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/09/14 11:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/09/14 11:45	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/09/14 11:45	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/09/14 11:45	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/09/14 11:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146133/5
Matrix: Water
Analysis Batch: 146133

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*82*		*63 - 129*		*09/09/14 11:45*	*1*
4-Bromofluorobenzene (Surr)	*82*		*66 - 120*		*09/09/14 11:45*	*1*
Toluene-d8 (Surr)	*83*		*74 - 120*		*09/09/14 11:45*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 121*		*09/09/14 11:45*	*1*

Lab Sample ID: LCS 240-146133/4
Matrix: Water
Analysis Batch: 146133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.3		ug/L		81	43 - 136
Benzene	10.0	10.3		ug/L		103	80 - 120
Dichlorobromomethane	10.0	9.68		ug/L		97	72 - 121
Bromoform	10.0	10.2		ug/L		102	40 - 131
Bromomethane	10.0	9.83		ug/L		98	11 - 185
2-Butanone (MEK)	20.0	17.9		ug/L		89	60 - 126
Carbon disulfide	10.0	11.4		ug/L		114	62 - 142
Carbon tetrachloride	10.0	11.1		ug/L		111	66 - 128
Chlorobenzene	10.0	10.2		ug/L		102	80 - 120
Chloroethane	10.0	9.63		ug/L		96	25 - 153
Chloroform	10.0	9.72		ug/L		97	79 - 120
Chloromethane	10.0	9.04		ug/L		90	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2-Dichloroethane	10.0	9.56		ug/L		96	71 - 127
1,1-Dichloroethene	10.0	10.4		ug/L		104	78 - 131
1,2-Dichloropropane	10.0	10.2		ug/L		102	80 - 120
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	61 - 120
trans-1,3-Dichloropropene	10.0	11.3		ug/L		113	58 - 120
Ethylbenzene	10.0	10.4		ug/L		104	80 - 120
2-Hexanone	20.0	20.2		ug/L		101	55 - 133
Methylene Chloride	10.0	10.3		ug/L		103	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.9		ug/L		100	63 - 128
Styrene	10.0	10.7		ug/L		107	79 - 120
1,1,2,2-Tetrachloroethane	10.0	9.87		ug/L		99	68 - 120
Tetrachloroethene	10.0	10.2		ug/L		102	79 - 120
Toluene	10.0	10.4		ug/L		104	80 - 120
Trichloroethene	10.0	9.74		ug/L		97	76 - 120
Vinyl chloride	10.0	9.50		ug/L		95	53 - 127
Xylenes, Total	20.0	20.6		ug/L		103	80 - 120
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	74 - 120
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 120
Cyclohexane	10.0	10.3		ug/L		103	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	10.0		ug/L		100	42 - 136
Ethylene Dibromide	10.0	10.3		ug/L		103	79 - 120
Dichlorodifluoromethane	10.0	8.76		ug/L		88	19 - 129
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 120
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	80 - 120
Isopropylbenzene	10.0	10.0		ug/L		100	75 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146133/4
Matrix: Water
Analysis Batch: 146133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	50.6		ug/L		101	58 - 131
Methyl tert-butyl ether	10.0	10.2		ug/L		102	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.0		ug/L		100	74 - 151
1,2,4-Trichlorobenzene	10.0	9.15		ug/L		91	48 - 135
1,2-Dichlorobenzene	10.0	9.72		ug/L		97	80 - 120
1,3-Dichlorobenzene	10.0	9.75		ug/L		98	80 - 120
1,4-Dichlorobenzene	10.0	10.0		ug/L		100	80 - 120
Trichlorofluoromethane	10.0	9.91		ug/L		99	49 - 157
Chlorodibromomethane	10.0	10.3		ug/L		103	64 - 120
Methylcyclohexane	10.0	9.90		ug/L		99	56 - 127
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	80 - 120
o-Xylene	10.0	10.3		ug/L		103	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*75*		*63 - 129*
4-Bromofluorobenzene (Surr)	*92*		*66 - 120*
Toluene-d8 (Surr)	*87*		*74 - 120*
Dibromofluoromethane (Surr)	*81*		*75 - 121*

Lab Sample ID: MB 240-146331/12
Matrix: Water
Analysis Batch: 146331

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 13:20	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 13:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 13:20	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 13:20	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 13:20	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 13:20	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 13:20	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 13:20	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 13:20	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 13:20	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 13:20	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 13:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 13:20	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 13:20	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 13:20	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 13:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 13:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 13:20	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 13:20	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 13:20	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 13:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 13:20	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 13:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146331/12
Matrix: Water
Analysis Batch: 146331

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 13:20	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 13:20	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 13:20	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 13:20	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 13:20	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 13:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 13:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 13:20	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 13:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 13:20	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 13:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 13:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 13:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 13:20	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 13:20	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 13:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 13:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 13:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 13:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 13:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 13:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 13:20	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 13:20	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 13:20	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*		*09/10/14 13:20*	*1*
4-Bromofluorobenzene (Surr)	*93*		*66 - 120*		*09/10/14 13:20*	*1*
Toluene-d8 (Surr)	*98*		*74 - 120*		*09/10/14 13:20*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 121*		*09/10/14 13:20*	*1*

Lab Sample ID: LCS 240-146331/10
Matrix: Water
Analysis Batch: 146331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	17.7		ug/L		88	43 - 136
Benzene	10.0	9.98		ug/L		100	80 - 120
Dichlorobromomethane	10.0	9.85		ug/L		99	72 - 121
Bromoform	10.0	7.96		ug/L		80	40 - 131
Bromomethane	10.0	10.4		ug/L		104	11 - 185
2-Butanone (MEK)	20.0	20.0		ug/L		100	60 - 126
Carbon disulfide	10.0	10.6		ug/L		106	62 - 142
Carbon tetrachloride	10.0	10.5		ug/L		105	66 - 128
Chlorobenzene	10.0	9.85		ug/L		99	80 - 120
Chloroethane	10.0	10.2		ug/L		102	25 - 153
Chloroform	10.0	9.95		ug/L		100	79 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146331/10
Matrix: Water
Analysis Batch: 146331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	9.16		ug/L		92	44 - 126
1,1-Dichloroethane	10.0	10.2		ug/L		102	80 - 120
1,2-Dichloroethane	10.0	9.88		ug/L		99	71 - 127
1,1-Dichloroethene	10.0	9.89		ug/L		99	78 - 131
1,2-Dichloropropane	10.0	9.69		ug/L		97	80 - 120
cis-1,3-Dichloropropene	10.0	9.56		ug/L		96	61 - 120
trans-1,3-Dichloropropene	10.0	9.82		ug/L		98	58 - 120
Ethylbenzene	10.0	9.94		ug/L		99	80 - 120
2-Hexanone	20.0	20.6		ug/L		103	55 - 133
Methylene Chloride	10.0	9.92		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	21.0		ug/L		105	63 - 128
Styrene	10.0	10.3		ug/L		103	79 - 120
1,1,2,2-Tetrachloroethane	10.0	9.87		ug/L		99	68 - 120
Tetrachloroethene	10.0	9.91		ug/L		99	79 - 120
Toluene	10.0	9.84		ug/L		98	80 - 120
Trichloroethene	10.0	10.2		ug/L		102	76 - 120
Vinyl chloride	10.0	9.37		ug/L		94	53 - 127
Xylenes, Total	20.0	19.8		ug/L		99	80 - 120
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	74 - 120
1,1,2-Trichloroethane	10.0	9.96		ug/L		100	80 - 120
Cyclohexane	10.0	10.4		ug/L		104	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.15		ug/L		91	42 - 136
Ethylene Dibromide	10.0	10.1		ug/L		101	79 - 120
Dichlorodifluoromethane	10.0	9.04		ug/L		90	19 - 129
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 120
trans-1,2-Dichloroethene	10.0	10.5		ug/L		105	80 - 120
Isopropylbenzene	10.0	9.92		ug/L		99	75 - 120
Methyl acetate	50.0	52.0		ug/L		104	58 - 131
Methyl tert-butyl ether	10.0	10.2		ug/L		102	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.4		ug/L		104	74 - 151
1,2,4-Trichlorobenzene	10.0	9.61		ug/L		96	48 - 135
1,2-Dichlorobenzene	10.0	9.92		ug/L		99	80 - 120
1,3-Dichlorobenzene	10.0	9.88		ug/L		99	80 - 120
1,4-Dichlorobenzene	10.0	9.57		ug/L		96	80 - 120
Trichlorofluoromethane	10.0	10.2		ug/L		102	49 - 157
Chlorodibromomethane	10.0	8.83		ug/L		88	64 - 120
Methylcyclohexane	10.0	10.4		ug/L		104	56 - 127
m-Xylene & p-Xylene	10.0	9.89		ug/L		99	80 - 120
o-Xylene	10.0	9.95		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*97*		*66 - 120*
Toluene-d8 (Surr)	*99*		*74 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146345/5
Matrix: Water
Analysis Batch: 146345

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 12:19	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 12:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 12:19	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 12:19	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 12:19	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 12:19	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 12:19	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 12:19	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 12:19	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 12:19	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 12:19	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 12:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 12:19	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 12:19	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 12:19	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 12:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 12:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 12:19	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 12:19	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 12:19	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 12:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 12:19	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 12:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 12:19	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 12:19	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 12:19	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 12:19	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 12:19	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 12:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 12:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 12:19	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 12:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 12:19	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 12:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 12:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 12:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 12:19	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 12:19	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 12:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 12:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 12:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 12:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 12:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 12:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 12:19	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 12:19	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 12:19	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 12:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146345/5
Matrix: Water
Analysis Batch: 146345

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*83*		*63 - 129*		*09/10/14 12:19*	*1*
4-Bromofluorobenzene (Surr)	*77*		*66 - 120*		*09/10/14 12:19*	*1*
Toluene-d8 (Surr)	*84*		*74 - 120*		*09/10/14 12:19*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*09/10/14 12:19*	*1*

Lab Sample ID: LCS 240-146345/4
Matrix: Water
Analysis Batch: 146345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.3		ug/L		82	43 - 136
Benzene	10.0	10.5		ug/L		105	80 - 120
Dichlorobromomethane	10.0	9.47		ug/L		95	72 - 121
Bromoform	10.0	8.79		ug/L		88	40 - 131
Bromomethane	10.0	7.39		ug/L		74	11 - 185
2-Butanone (MEK)	20.0	19.0		ug/L		95	60 - 126
Carbon disulfide	10.0	10.8		ug/L		108	62 - 142
Carbon tetrachloride	10.0	8.86		ug/L		89	66 - 128
Chlorobenzene	10.0	10.4		ug/L		104	80 - 120
Chloroethane	10.0	5.39		ug/L		54	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 120
Chloromethane	10.0	11.1		ug/L		111	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2-Dichloroethane	10.0	8.79		ug/L		88	71 - 127
1,1-Dichloroethene	10.0	9.61		ug/L		96	78 - 131
1,2-Dichloropropane	10.0	9.17		ug/L		92	80 - 120
cis-1,3-Dichloropropene	10.0	7.80		ug/L		78	61 - 120
trans-1,3-Dichloropropene	10.0	8.13		ug/L		81	58 - 120
Ethylbenzene	10.0	10.4		ug/L		104	80 - 120
2-Hexanone	20.0	15.0		ug/L		75	55 - 133
Methylene Chloride	10.0	11.7		ug/L		117	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	13.0		ug/L		65	63 - 128
Styrene	10.0	10.8		ug/L		108	79 - 120
1,1,2,2-Tetrachloroethane	10.0	10.4		ug/L		104	68 - 120
Tetrachloroethene	10.0	11.0		ug/L		110	79 - 120
Toluene	10.0	10.2		ug/L		102	80 - 120
Trichloroethene	10.0	10.5		ug/L		105	76 - 120
Vinyl chloride	10.0	8.16		ug/L		82	53 - 127
Xylenes, Total	20.0	20.7		ug/L		104	80 - 120
1,1,1-Trichloroethane	10.0	8.92		ug/L		89	74 - 120
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 120
Cyclohexane	10.0	9.02		ug/L		90	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.38		ug/L		94	42 - 136
Ethylene Dibromide	10.0	10.0		ug/L		100	79 - 120
Dichlorodifluoromethane	10.0	10.1		ug/L		101	19 - 129
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	80 - 120
Isopropylbenzene	10.0	10.3		ug/L		103	75 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146345/4
Matrix: Water
Analysis Batch: 146345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	47.2		ug/L		94	58 - 131
Methyl tert-butyl ether	10.0	7.89		ug/L		79	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.5		ug/L		105	74 - 151
1,2,4-Trichlorobenzene	10.0	10.8		ug/L		108	48 - 135
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	80 - 120
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	80 - 120
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	80 - 120
Trichlorofluoromethane	10.0	10.6		ug/L		106	49 - 157
Chlorodibromomethane	10.0	9.31		ug/L		93	64 - 120
Methylcyclohexane	10.0	8.60		ug/L		86	56 - 127
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	80 - 120
o-Xylene	10.0	10.5		ug/L		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*63 - 129*
4-Bromofluorobenzene (Surr)	*89*		*66 - 120*
Toluene-d8 (Surr)	*92*		*74 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

Lab Sample ID: 240-41608-21 MS
Matrix: Water
Analysis Batch: 146345

Client Sample ID: WG-12616-090514-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	14.3		ug/L		71	33 - 145
Benzene	1.0	U	10.0	9.95		ug/L		100	72 - 121
Dichlorobromomethane	1.0	U	10.0	8.71		ug/L		87	67 - 120
Bromoform	1.0	U	10.0	7.51		ug/L		75	32 - 128
Bromomethane	1.0	U	10.0	7.10		ug/L		71	10 - 186
2-Butanone (MEK)	10	U	20.0	17.8		ug/L		89	54 - 129
Carbon disulfide	1.0	U	10.0	10.0		ug/L		100	57 - 147
Carbon tetrachloride	1.0	U	10.0	7.91		ug/L		79	59 - 129
Chlorobenzene	1.0	U	10.0	10.0		ug/L		100	80 - 120
Chloroethane	1.0	U	10.0	5.01		ug/L		50	21 - 165
Chloroform	1.0	U	10.0	9.44		ug/L		94	76 - 120
Chloromethane	1.0	U	10.0	9.70		ug/L		97	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.64		ug/L		96	79 - 120
1,2-Dichloroethane	1.0	U	10.0	8.44		ug/L		84	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.37		ug/L		94	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.64		ug/L		96	78 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	7.53		ug/L		75	51 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	7.50		ug/L		75	46 - 120
Ethylbenzene	1.0	U	10.0	9.88		ug/L		99	75 - 120
2-Hexanone	10	U	20.0	15.2		ug/L		76	47 - 139
Methylene Chloride	1.0	U	10.0	9.87		ug/L		99	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.5		ug/L		73	56 - 131
Styrene	1.0	U	10.0	9.69		ug/L		97	71 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-21 MS
Matrix: Water
Analysis Batch: 146345

Client Sample ID: WG-12616-090514-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	1.0	U	10.0	11.2		ug/L		112	63 - 122
Tetrachloroethene	1.0	U	10.0	11.3		ug/L		113	70 - 120
Toluene	1.0	U	10.0	10.6		ug/L		106	78 - 120
Trichloroethene	1.0	U	10.0	9.77		ug/L		98	66 - 120
Vinyl chloride	1.0	U	10.0	7.51		ug/L		75	49 - 130
Xylenes, Total	2.0	U	20.0	19.1		ug/L		96	76 - 120
1,1,1-Trichloroethane	1.0	U	10.0	8.12		ug/L		81	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	10.6		ug/L		106	75 - 120
Cyclohexane	1.0	U	10.0	8.60		ug/L		86	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	9.00		ug/L		90	32 - 139
Ethylene Dibromide	1.0	U	10.0	9.59		ug/L		96	74 - 120
Dichlorodifluoromethane	1.0	U	10.0	8.45		ug/L		84	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	80 - 120
Isopropylbenzene	1.0	U	10.0	9.45		ug/L		94	68 - 120
Methyl acetate	10	U	50.0	45.8		ug/L		92	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	7.65		ug/L		77	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.1		ug/L		101	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	9.98		ug/L		100	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	10.4		ug/L		104	75 - 120
1,3-Dichlorobenzene	1.0	U	10.0	10.1		ug/L		101	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	9.98		ug/L		100	75 - 120
Trichlorofluoromethane	1.0	U	10.0	8.52		ug/L		85	46 - 157
Chlorodibromomethane	1.0	U	10.0	8.69		ug/L		87	56 - 120
Methylcyclohexane	1.0	U	10.0	9.00		ug/L		90	49 - 127
m-Xylene & p-Xylene	2.0		10.0	9.52		ug/L		95	75 - 120
o-Xylene	1.0		10.0	9.62		ug/L		96	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*76*		*63 - 129*
4-Bromofluorobenzene (Surr)	*77*		*66 - 120*
Toluene-d8 (Surr)	*95*		*74 - 120*
Dibromofluoromethane (Surr)	*89*		*75 - 121*

Lab Sample ID: 240-41608-21 MSD
Matrix: Water
Analysis Batch: 146345

Client Sample ID: WG-12616-090514-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	15.1		ug/L		75	33 - 145	5	30
Benzene	1.0	U	10.0	10.2		ug/L		102	72 - 121	2	30
Dichlorobromomethane	1.0	U	10.0	8.69		ug/L		87	67 - 120	0	30
Bromoform	1.0	U	10.0	8.00		ug/L		80	32 - 128	6	30
Bromomethane	1.0	U	10.0	7.17		ug/L		72	10 - 186	1	30
2-Butanone (MEK)	10	U	20.0	20.2		ug/L		101	54 - 129	12	30
Carbon disulfide	1.0	U	10.0	11.2		ug/L		112	57 - 147	11	30
Carbon tetrachloride	1.0	U	10.0	8.77		ug/L		88	59 - 129	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-21 MSD
Matrix: Water
Analysis Batch: 146345

Client Sample ID: WG-12616-090514-DN-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	1.0	U	10.0	10.0		ug/L		100	80 - 120	0	30
Chloroethane	1.0	U	10.0	5.25		ug/L		52	21 - 165	5	30
Chloroform	1.0	U	10.0	10.7		ug/L		107	76 - 120	13	30
Chloromethane	1.0	U	10.0	9.69		ug/L		97	33 - 132	0	30
1,1-Dichloroethane	1.0	U	10.0	10.7		ug/L		107	79 - 120	10	30
1,2-Dichloroethane	1.0	U	10.0	8.60		ug/L		86	68 - 129	2	30
1,1-Dichloroethene	1.0	U	10.0	9.87		ug/L		99	74 - 135	5	30
1,2-Dichloropropane	1.0	U	10.0	9.29		ug/L		93	78 - 120	4	30
cis-1,3-Dichloropropene	1.0	U	10.0	7.56		ug/L		76	51 - 120	0	30
trans-1,3-Dichloropropene	1.0	U	10.0	7.56		ug/L		76	46 - 120	1	30
Ethylbenzene	1.0	U	10.0	9.82		ug/L		98	75 - 120	1	30
2-Hexanone	10	U	20.0	15.0		ug/L		75	47 - 139	1	30
Methylene Chloride	1.0	U	10.0	11.4		ug/L		114	63 - 128	14	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.1		ug/L		71	56 - 131	3	30
Styrene	1.0	U	10.0	10.3		ug/L		103	71 - 120	6	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.4		ug/L		104	63 - 122	8	30
Tetrachloroethene	1.0	U	10.0	10.6		ug/L		106	70 - 120	6	30
Toluene	1.0	U	10.0	9.99		ug/L		100	78 - 120	6	30
Trichloroethene	1.0	U	10.0	10.1		ug/L		101	66 - 120	4	30
Vinyl chloride	1.0	U	10.0	7.97		ug/L		80	49 - 130	6	30
Xylenes, Total	2.0	U	20.0	19.7		ug/L		99	76 - 120	3	30
1,1,1-Trichloroethane	1.0	U	10.0	9.01		ug/L		90	68 - 121	10	30
1,1,2-Trichloroethane	1.0	U	10.0	9.57		ug/L		96	75 - 120	10	30
Cyclohexane	1.0	U	10.0	9.21		ug/L		92	49 - 123	7	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.27		ug/L		83	32 - 139	9	30
Ethylene Dibromide	1.0	U	10.0	9.85		ug/L		98	74 - 120	3	30
Dichlorodifluoromethane	1.0	U	10.0	9.48		ug/L		95	17 - 128	12	30
cis-1,2-Dichloroethene	1.0	U	10.0	11.0		ug/L		110	70 - 120	6	30
trans-1,2-Dichloroethene	1.0	U	10.0	11.1		ug/L		111	80 - 120	7	30
Isopropylbenzene	1.0	U	10.0	9.67		ug/L		97	68 - 120	2	30
Methyl acetate	10	U	50.0	50.6		ug/L		101	47 - 130	10	30
Methyl tert-butyl ether	1.0	U	10.0	8.23		ug/L		82	46 - 144	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.5		ug/L		105	70 - 152	4	30
1,2,4-Trichlorobenzene	1.0	U	10.0	9.98		ug/L		100	38 - 138	0	30
1,2-Dichlorobenzene	1.0	U	10.0	10.0		ug/L		100	75 - 120	3	30
1,3-Dichlorobenzene	1.0	U	10.0	9.79		ug/L		98	73 - 120	3	30
1,4-Dichlorobenzene	1.0	U	10.0	9.78		ug/L		98	75 - 120	2	30
Trichlorofluoromethane	1.0	U	10.0	9.65		ug/L		96	46 - 157	12	30
Chlorodibromomethane	1.0	U	10.0	8.82		ug/L		88	56 - 120	1	30
Methylcyclohexane	1.0	U	10.0	8.80		ug/L		88	49 - 127	2	30
m-Xylene & p-Xylene	2.0		10.0	9.76		ug/L		98	75 - 120	2	30
o-Xylene	1.0		10.0	9.94		ug/L		99	76 - 120	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*
4-Bromofluorobenzene (Surr)	*85*		*66 - 120*
Toluene-d8 (Surr)	*90*		*74 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-21 MSD
Matrix: Water
Analysis Batch: 146345

Client Sample ID: WG-12616-090514-DN-21
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*99*		*75 - 121*

Lab Sample ID: MB 240-146406/6
Matrix: Water
Analysis Batch: 146406

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/10/14 16:12	1
Benzene	1.0	U	1.0	0.24	ug/L			09/10/14 16:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/10/14 16:12	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/10/14 16:12	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/10/14 16:12	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/10/14 16:12	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/10/14 16:12	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/10/14 16:12	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/10/14 16:12	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/10/14 16:12	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/10/14 16:12	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/10/14 16:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/10/14 16:12	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/10/14 16:12	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/10/14 16:12	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/10/14 16:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/10/14 16:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/10/14 16:12	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/10/14 16:12	1
2-Hexanone	10	U	10	3.9	ug/L			09/10/14 16:12	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/10/14 16:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/10/14 16:12	1
Styrene	1.0	U	1.0	0.45	ug/L			09/10/14 16:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 16:12	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 16:12	1
Toluene	1.0	U	1.0	0.22	ug/L			09/10/14 16:12	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/10/14 16:12	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/10/14 16:12	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/10/14 16:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/10/14 16:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/10/14 16:12	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/10/14 16:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/10/14 16:12	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/10/14 16:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/10/14 16:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/10/14 16:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/10/14 16:12	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/10/14 16:12	1
Methyl acetate	10	U	10	2.3	ug/L			09/10/14 16:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/10/14 16:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/10/14 16:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146406/6
Matrix: Water
Analysis Batch: 146406

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/10/14 16:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 16:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/10/14 16:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/10/14 16:12	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/10/14 16:12	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/10/14 16:12	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/10/14 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 129*		*09/10/14 16:12*	*1*
4-Bromofluorobenzene (Surr)	*80*		*66 - 120*		*09/10/14 16:12*	*1*
Toluene-d8 (Surr)	*87*		*74 - 120*		*09/10/14 16:12*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*09/10/14 16:12*	*1*

Lab Sample ID: LCS 240-146406/4
Matrix: Water
Analysis Batch: 146406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	20.4		ug/L		102	43 - 136
Benzene	10.0	9.71		ug/L		97	80 - 120
Dichlorobromomethane	10.0	9.21		ug/L		92	72 - 121
Bromoform	10.0	9.18		ug/L		92	40 - 131
Bromomethane	10.0	9.16		ug/L		92	11 - 185
2-Butanone (MEK)	20.0	17.8		ug/L		89	60 - 126
Carbon disulfide	10.0	10.2		ug/L		102	62 - 142
Carbon tetrachloride	10.0	9.79		ug/L		98	66 - 128
Chlorobenzene	10.0	9.50		ug/L		95	80 - 120
Chloroethane	10.0	9.38		ug/L		94	25 - 153
Chloroform	10.0	9.36		ug/L		94	79 - 120
Chloromethane	10.0	9.75		ug/L		97	44 - 126
1,1-Dichloroethane	10.0	9.59		ug/L		96	80 - 120
1,2-Dichloroethane	10.0	9.95		ug/L		100	71 - 127
1,1-Dichloroethene	10.0	9.58		ug/L		96	78 - 131
1,2-Dichloropropane	10.0	9.60		ug/L		96	80 - 120
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	61 - 120
trans-1,3-Dichloropropene	10.0	9.52		ug/L		95	58 - 120
Ethylbenzene	10.0	9.77		ug/L		98	80 - 120
2-Hexanone	20.0	18.4		ug/L		92	55 - 133
Methylene Chloride	10.0	9.54		ug/L		95	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.0		ug/L		95	63 - 128
Styrene	10.0	10.4		ug/L		104	79 - 120
1,1,2,2-Tetrachloroethane	10.0	9.24		ug/L		92	68 - 120
Tetrachloroethene	10.0	9.94		ug/L		99	79 - 120
Toluene	10.0	9.56		ug/L		96	80 - 120
Trichloroethene	10.0	9.28		ug/L		93	76 - 120
Vinyl chloride	10.0	9.62		ug/L		96	53 - 127
Xylenes, Total	20.0	19.9		ug/L		99	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146406/4
Matrix: Water
Analysis Batch: 146406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.50		ug/L		95	74 - 120
1,1,2-Trichloroethane	10.0	9.46		ug/L		95	80 - 120
Cyclohexane	10.0	10.4		ug/L		104	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.73		ug/L		87	42 - 136
Ethylene Dibromide	10.0	9.17		ug/L		92	79 - 120
Dichlorodifluoromethane	10.0	9.42		ug/L		94	19 - 129
cis-1,2-Dichloroethene	10.0	9.47		ug/L		95	80 - 120
trans-1,2-Dichloroethene	10.0	9.61		ug/L		96	80 - 120
Isopropylbenzene	10.0	9.93		ug/L		99	75 - 120
Methyl acetate	50.0	47.6		ug/L		95	58 - 131
Methyl tert-butyl ether	10.0	9.29		ug/L		93	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.76		ug/L		98	74 - 151
1,2,4-Trichlorobenzene	10.0	9.19		ug/L		92	48 - 135
1,2-Dichlorobenzene	10.0	9.02		ug/L		90	80 - 120
1,3-Dichlorobenzene	10.0	9.01		ug/L		90	80 - 120
1,4-Dichlorobenzene	10.0	9.43		ug/L		94	80 - 120
Trichlorofluoromethane	10.0	9.98		ug/L		100	49 - 157
Chlorodibromomethane	10.0	9.31		ug/L		93	64 - 120
Methylcyclohexane	10.0	10.4		ug/L		104	56 - 127
m-Xylene & p-Xylene	10.0	9.89		ug/L		99	80 - 120
o-Xylene	10.0	9.97		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*
4-Bromofluorobenzene (Surr)	*95*		*66 - 120*
Toluene-d8 (Surr)	*95*		*74 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 121*

Lab Sample ID: 240-41608-1 MS
Matrix: Water
Analysis Batch: 146406

Client Sample ID: WG-12616-090214-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	14.1		ug/L		70	33 - 145
Benzene	1.0	U	10.0	10.1		ug/L		101	72 - 121
Dichlorobromomethane	1.0	U	10.0	9.65		ug/L		96	67 - 120
Bromoform	1.0	U	10.0	8.60		ug/L		86	32 - 128
Bromomethane	1.0	U	10.0	8.67		ug/L		87	10 - 186
2-Butanone (MEK)	10	U	20.0	15.7		ug/L		78	54 - 129
Carbon disulfide	1.0	U	10.0	10.8		ug/L		108	57 - 147
Carbon tetrachloride	1.0	U	10.0	9.68		ug/L		97	59 - 129
Chlorobenzene	1.0	U	10.0	10.0		ug/L		100	80 - 120
Chloroethane	1.0	U	10.0	9.42		ug/L		94	21 - 165
Chloroform	1.0	U	10.0	9.95		ug/L		100	76 - 120
Chloromethane	1.0	U	10.0	10.0		ug/L		100	33 - 132
1,1-Dichloroethane	1.0	U	10.0	10.1		ug/L		101	79 - 120
1,2-Dichloroethane	1.0	U	10.0	10.2		ug/L		102	68 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-1 MS
Matrix: Water
Analysis Batch: 146406

Client Sample ID: WG-12616-090214-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	1.0	U	10.0	9.65		ug/L		97	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.91		ug/L		99	78 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	9.22		ug/L		92	51 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	9.47		ug/L		95	46 - 120
Ethylbenzene	1.0	U	10.0	10.1		ug/L		101	75 - 120
2-Hexanone	10	U	20.0	16.9		ug/L		84	47 - 139
Methylene Chloride	1.0	U	10.0	9.74		ug/L		97	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	16.5		ug/L		82	56 - 131
Styrene	1.0	U	10.0	10.7		ug/L		107	71 - 120
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.45		ug/L		95	63 - 122
Tetrachloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120
Toluene	1.0	U	10.0	10.2		ug/L		102	78 - 120
Trichloroethene	1.0	U	10.0	9.69		ug/L		97	66 - 120
Vinyl chloride	1.0	U	10.0	9.73		ug/L		97	49 - 130
Xylenes, Total	2.0	U	20.0	20.4		ug/L		102	76 - 120
1,1,1-Trichloroethane	1.0	U	10.0	10.2		ug/L		102	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.42		ug/L		94	75 - 120
Cyclohexane	1.0	U	10.0	8.95		ug/L		90	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.08		ug/L		71	32 - 139
Ethylene Dibromide	1.0	U	10.0	9.16		ug/L		92	74 - 120
Dichlorodifluoromethane	1.0	U	10.0	7.41		ug/L		74	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	10.0		ug/L		100	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.1		ug/L		101	80 - 120
Isopropylbenzene	1.0	U	10.0	9.83		ug/L		98	68 - 120
Methyl acetate	10	U	50.0	41.0		ug/L		82	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	8.91		ug/L		89	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	8.62		ug/L		86	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.32		ug/L		73	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	9.13		ug/L		91	75 - 120
1,3-Dichlorobenzene	1.0	U	10.0	9.43		ug/L		94	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	9.80		ug/L		98	75 - 120
Trichlorofluoromethane	1.0	U	10.0	8.27		ug/L		83	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.30		ug/L		93	56 - 120
Methylcyclohexane	1.0	U	10.0	8.21		ug/L		82	49 - 127
m-Xylene & p-Xylene	2.0		10.0	10.2		ug/L		102	75 - 120
o-Xylene	1.0		10.0	10.2		ug/L		102	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*
4-Bromofluorobenzene (Surr)	*94*		*66 - 120*
Toluene-d8 (Surr)	*97*		*74 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-1 MSD
Matrix: Water
Analysis Batch: 146406

Client Sample ID: WG-12616-090214-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	16.8		ug/L		84	33 - 145	18	30
Benzene	1.0	U	10.0	10.6		ug/L		106	72 - 121	4	30
Dichlorobromomethane	1.0	U	10.0	9.98		ug/L		100	67 - 120	3	30
Bromoform	1.0	U	10.0	9.46		ug/L		95	32 - 128	10	30
Bromomethane	1.0	U	10.0	9.92		ug/L		99	10 - 186	13	30
2-Butanone (MEK)	10	U	20.0	16.6		ug/L		83	54 - 129	6	30
Carbon disulfide	1.0	U	10.0	11.0		ug/L		110	57 - 147	1	30
Carbon tetrachloride	1.0	U	10.0	9.94		ug/L		99	59 - 129	3	30
Chlorobenzene	1.0	U	10.0	10.7		ug/L		107	80 - 120	6	30
Chloroethane	1.0	U	10.0	10.0		ug/L		100	21 - 165	6	30
Chloroform	1.0	U	10.0	10.2		ug/L		102	76 - 120	2	30
Chloromethane	1.0	U	10.0	10.6		ug/L		106	33 - 132	6	30
1,1-Dichloroethane	1.0	U	10.0	10.6		ug/L		106	79 - 120	5	30
1,2-Dichloroethane	1.0	U	10.0	10.7		ug/L		107	68 - 129	5	30
1,1-Dichloroethene	1.0	U	10.0	9.79		ug/L		98	74 - 135	1	30
1,2-Dichloropropane	1.0	U	10.0	10.3		ug/L		103	78 - 120	4	30
cis-1,3-Dichloropropene	1.0	U	10.0	9.83		ug/L		98	51 - 120	6	30
trans-1,3-Dichloropropene	1.0	U	10.0	9.87		ug/L		99	46 - 120	4	30
Ethylbenzene	1.0	U	10.0	10.8		ug/L		108	75 - 120	7	30
2-Hexanone	10	U	20.0	18.8		ug/L		94	47 - 139	11	30
Methylene Chloride	1.0	U	10.0	10.2		ug/L		102	63 - 128	4	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	18.7		ug/L		94	56 - 131	13	30
Styrene	1.0	U	10.0	11.6		ug/L		116	71 - 120	8	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.72		ug/L		97	63 - 122	3	30
Tetrachloroethene	1.0	U	10.0	10.8		ug/L		108	70 - 120	5	30
Toluene	1.0	U	10.0	10.8		ug/L		108	78 - 120	5	30
Trichloroethene	1.0	U	10.0	10.1		ug/L		101	66 - 120	5	30
Vinyl chloride	1.0	U	10.0	9.93		ug/L		99	49 - 130	2	30
Xylenes, Total	2.0	U	20.0	22.2		ug/L		111	76 - 120	8	30
1,1,1-Trichloroethane	1.0	U	10.0	10.5		ug/L		105	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	10.0		ug/L		100	75 - 120	6	30
Cyclohexane	1.0	U	10.0	8.86		ug/L		89	49 - 123	1	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.79		ug/L		88	32 - 139	22	30
Ethylene Dibromide	1.0	U	10.0	10.0		ug/L		100	74 - 120	9	30
Dichlorodifluoromethane	1.0	U	10.0	7.31		ug/L		73	17 - 128	1	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120	3	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.4		ug/L		104	80 - 120	3	30
Isopropylbenzene	1.0	U	10.0	11.0		ug/L		110	68 - 120	11	30
Methyl acetate	10	U	50.0	44.0		ug/L		88	47 - 130	7	30
Methyl tert-butyl ether	1.0	U	10.0	9.69		ug/L		97	46 - 144	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	8.43		ug/L		84	70 - 152	2	30
1,2,4-Trichlorobenzene	1.0	U	10.0	10.5	F2	ug/L		105	38 - 138	36	30
1,2-Dichlorobenzene	1.0	U	10.0	10.0		ug/L		100	75 - 120	9	30
1,3-Dichlorobenzene	1.0	U	10.0	10.1		ug/L		101	73 - 120	7	30
1,4-Dichlorobenzene	1.0	U	10.0	10.4		ug/L		104	75 - 120	6	30
Trichlorofluoromethane	1.0	U	10.0	8.25		ug/L		83	46 - 157	0	30
Chlorodibromomethane	1.0	U	10.0	10.1		ug/L		101	56 - 120	8	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-1 MSD
Matrix: Water
Analysis Batch: 146406

Client Sample ID: WG-12616-090214-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylcyclohexane	1.0	U	10.0	8.29		ug/L		83	49 - 127	1	30
m-Xylene & p-Xylene	2.0		10.0	11.0		ug/L		110	75 - 120	7	30
o-Xylene	1.0		10.0	11.2		ug/L		112	76 - 120	9	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*
4-Bromofluorobenzene (Surr)	*94*		*66 - 120*
Toluene-d8 (Surr)	*93*		*74 - 120*
Dibromofluoromethane (Surr)	*93*		*75 - 121*

Lab Sample ID: MB 240-146536/5
Matrix: Water
Analysis Batch: 146536

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/11/14 11:39	1
Benzene	1.0	U	1.0	0.24	ug/L			09/11/14 11:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/11/14 11:39	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/11/14 11:39	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/11/14 11:39	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/11/14 11:39	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/11/14 11:39	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/11/14 11:39	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/11/14 11:39	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/11/14 11:39	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/11/14 11:39	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/11/14 11:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/11/14 11:39	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/11/14 11:39	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/11/14 11:39	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/11/14 11:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/11/14 11:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/11/14 11:39	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/11/14 11:39	1
2-Hexanone	10	U	10	3.9	ug/L			09/11/14 11:39	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/11/14 11:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/11/14 11:39	1
Styrene	1.0	U	1.0	0.45	ug/L			09/11/14 11:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 11:39	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 11:39	1
Toluene	1.0	U	1.0	0.22	ug/L			09/11/14 11:39	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/11/14 11:39	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/11/14 11:39	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/11/14 11:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/11/14 11:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/11/14 11:39	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/11/14 11:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/11/14 11:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-146536/5
Matrix: Water
Analysis Batch: 146536

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/11/14 11:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/11/14 11:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/11/14 11:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/11/14 11:39	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/11/14 11:39	1
Methyl acetate	10	U	10	2.3	ug/L			09/11/14 11:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/11/14 11:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/11/14 11:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/11/14 11:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 11:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/11/14 11:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/11/14 11:39	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/11/14 11:39	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/11/14 11:39	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/11/14 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*09/11/14 11:39*	*1*
4-Bromofluorobenzene (Surr)	*79*		*66 - 120*		*09/11/14 11:39*	*1*
Toluene-d8 (Surr)	*81*		*74 - 120*		*09/11/14 11:39*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 121*		*09/11/14 11:39*	*1*

Lab Sample ID: LCS 240-146536/4
Matrix: Water
Analysis Batch: 146536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.5		ug/L		98	43 - 136
Benzene	10.0	10.3		ug/L		103	80 - 120
Dichlorobromomethane	10.0	9.72		ug/L		97	72 - 121
Bromoform	10.0	9.36		ug/L		94	40 - 131
Bromomethane	10.0	9.12		ug/L		91	11 - 185
2-Butanone (MEK)	20.0	19.2		ug/L		96	60 - 126
Carbon disulfide	10.0	12.4		ug/L		124	62 - 142
Carbon tetrachloride	10.0	10.0		ug/L		100	66 - 128
Chlorobenzene	10.0	10.6		ug/L		106	80 - 120
Chloroethane	10.0	6.19		ug/L		62	25 - 153
Chloroform	10.0	11.8		ug/L		118	79 - 120
Chloromethane	10.0	12.2		ug/L		122	44 - 126
1,1-Dichloroethane	10.0	11.7		ug/L		117	80 - 120
1,2-Dichloroethane	10.0	9.32		ug/L		93	71 - 127
1,1-Dichloroethene	10.0	10.2		ug/L		102	78 - 131
1,2-Dichloropropane	10.0	9.75		ug/L		97	80 - 120
cis-1,3-Dichloropropene	10.0	8.49		ug/L		85	61 - 120
trans-1,3-Dichloropropene	10.0	8.31		ug/L		83	58 - 120
Ethylbenzene	10.0	10.4		ug/L		104	80 - 120
2-Hexanone	20.0	14.9		ug/L		74	55 - 133
Methylene Chloride	10.0	13.2	*	ug/L		132	66 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-146536/4
Matrix: Water
Analysis Batch: 146536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone (MIBK)	20.0	14.4		ug/L		72	63 - 128
Styrene	10.0	11.0		ug/L		110	79 - 120
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	68 - 120
Tetrachloroethene	10.0	10.9		ug/L		109	79 - 120
Toluene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.5		ug/L		105	76 - 120
Vinyl chloride	10.0	8.55		ug/L		86	53 - 127
Xylenes, Total	20.0	21.1		ug/L		106	80 - 120
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	74 - 120
1,1,2-Trichloroethane	10.0	9.70		ug/L		97	80 - 120
Cyclohexane	10.0	9.40		ug/L		94	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.61		ug/L		96	42 - 136
Ethylene Dibromide	10.0	10.2		ug/L		102	79 - 120
Dichlorodifluoromethane	10.0	11.7		ug/L		117	19 - 129
cis-1,2-Dichloroethene	10.0	11.2		ug/L		112	80 - 120
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	80 - 120
Isopropylbenzene	10.0	10.3		ug/L		103	75 - 120
Methyl acetate	50.0	54.0		ug/L		108	58 - 131
Methyl tert-butyl ether	10.0	8.45		ug/L		85	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.5		ug/L		115	74 - 151
1,2,4-Trichlorobenzene	10.0	10.3		ug/L		103	48 - 135
1,2-Dichlorobenzene	10.0	10.4		ug/L		104	80 - 120
1,3-Dichlorobenzene	10.0	10.5		ug/L		105	80 - 120
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	80 - 120
Trichlorofluoromethane	10.0	11.9		ug/L		119	49 - 157
Chlorodibromomethane	10.0	9.41		ug/L		94	64 - 120
Methylcyclohexane	10.0	9.55		ug/L		96	56 - 127
m-Xylene & p-Xylene	10.0	10.6		ug/L		106	80 - 120
o-Xylene	10.0	10.5		ug/L		105	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*
4-Bromofluorobenzene (Surr)	*87*		*66 - 120*
Toluene-d8 (Surr)	*89*		*74 - 120*
Dibromofluoromethane (Surr)	*106*		*75 - 121*

Lab Sample ID: 240-41608-24 MS
Matrix: Water
Analysis Batch: 146536

Client Sample ID: WG-12616-090514-DN-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	16.1		ug/L		81	33 - 145
Benzene	1.0	U	10.0	10.1		ug/L		101	72 - 121
Dichlorobromomethane	1.0	U	10.0	8.25		ug/L		83	67 - 120
Bromoform	1.0	U	10.0	7.55		ug/L		75	32 - 128
Bromomethane	1.0	U	10.0	5.88		ug/L		59	10 - 186
2-Butanone (MEK)	10	U	20.0	17.6		ug/L		88	54 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-24 MS
Matrix: Water
Analysis Batch: 146536

Client Sample ID: WG-12616-090514-DN-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	1.0	U	10.0	10.5		ug/L		105	57 - 147
Carbon tetrachloride	1.0	U	10.0	7.68		ug/L		77	59 - 129
Chlorobenzene	1.0	U	10.0	9.86		ug/L		99	80 - 120
Chloroethane	1.0	U	10.0	4.58		ug/L		46	21 - 165
Chloroform	1.0	U	10.0	10.1		ug/L		101	76 - 120
Chloromethane	1.0	U	10.0	10.1		ug/L		101	33 - 132
1,1-Dichloroethane	1.0	U	10.0	10.2		ug/L		102	79 - 120
1,2-Dichloroethane	1.0	U	10.0	8.47		ug/L		85	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.01		ug/L		90	74 - 135
1,2-Dichloropropane	1.0	U	10.0	8.58		ug/L		86	78 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	6.42		ug/L		64	51 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	6.46		ug/L		65	46 - 120
Ethylbenzene	1.0	U	10.0	9.96		ug/L		100	75 - 120
2-Hexanone	10	U	20.0	14.0		ug/L		70	47 - 139
Methylene Chloride	1.0	U *	10.0	10.9		ug/L		109	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	11.3		ug/L		56	56 - 131
Styrene	1.0	U	10.0	10.6		ug/L		106	71 - 120
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.74		ug/L		97	63 - 122
Tetrachloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120
Toluene	1.0	U	10.0	9.95		ug/L		99	78 - 120
Trichloroethene	1.0	U	10.0	9.76		ug/L		98	66 - 120
Vinyl chloride	1.0	U	10.0	7.91		ug/L		79	49 - 130
Xylenes, Total	2.0	U	20.0	20.2		ug/L		101	76 - 120
1,1,1-Trichloroethane	1.0	U	10.0	8.53		ug/L		85	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.54		ug/L		95	75 - 120
Cyclohexane	1.0	U	10.0	8.17		ug/L		82	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.73		ug/L		77	32 - 139
Ethylene Dibromide	1.0	U	10.0	9.05		ug/L		90	74 - 120
Dichlorodifluoromethane	1.0	U	10.0	7.83		ug/L		78	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	10.6		ug/L		106	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.9		ug/L		109	80 - 120
Isopropylbenzene	1.0	U	10.0	9.97		ug/L		100	68 - 120
Methyl acetate	10	U	50.0	43.1		ug/L		86	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	7.75		ug/L		77	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	9.19		ug/L		92	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	9.85		ug/L		98	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	9.92		ug/L		99	75 - 120
1,3-Dichlorobenzene	1.0	U	10.0	9.67		ug/L		97	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	9.61		ug/L		96	75 - 120
Trichlorofluoromethane	1.0	U	10.0	8.33		ug/L		83	46 - 157
Chlorodibromomethane	1.0	U	10.0	8.01		ug/L		80	56 - 120
Methylcyclohexane	1.0	U	10.0	8.29		ug/L		83	49 - 127
m-Xylene & p-Xylene	2.0		10.0	10.0		ug/L		100	75 - 120
o-Xylene	1.0		10.0	10.2		ug/L		102	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*63 - 129*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-24 MS
Matrix: Water
Analysis Batch: 146536

Client Sample ID: WG-12616-090514-DN-24
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*87*		*66 - 120*
Toluene-d8 (Surr)	*91*		*74 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

Lab Sample ID: 240-41608-24 MSD
Matrix: Water
Analysis Batch: 146536

Client Sample ID: WG-12616-090514-DN-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	13.9		ug/L		69	33 - 145	15	30
Benzene	1.0	U	10.0	9.67		ug/L		97	72 - 121	4	30
Dichlorobromomethane	1.0	U	10.0	8.74		ug/L		87	67 - 120	6	30
Bromoform	1.0	U	10.0	7.74		ug/L		77	32 - 128	2	30
Bromomethane	1.0	U	10.0	7.97		ug/L		80	10 - 186	30	30
2-Butanone (MEK)	10	U	20.0	17.1		ug/L		86	54 - 129	3	30
Carbon disulfide	1.0	U	10.0	10.5		ug/L		105	57 - 147	0	30
Carbon tetrachloride	1.0	U	10.0	8.41		ug/L		84	59 - 129	9	30
Chlorobenzene	1.0	U	10.0	9.56		ug/L		96	80 - 120	3	30
Chloroethane	1.0	U	10.0	5.43		ug/L		54	21 - 165	17	30
Chloroform	1.0	U	10.0	9.91		ug/L		99	76 - 120	2	30
Chloromethane	1.0	U	10.0	11.3		ug/L		113	33 - 132	11	30
1,1-Dichloroethane	1.0	U	10.0	9.72		ug/L		97	79 - 120	4	30
1,2-Dichloroethane	1.0	U	10.0	8.80		ug/L		88	68 - 129	4	30
1,1-Dichloroethene	1.0	U	10.0	9.87		ug/L		99	74 - 135	9	30
1,2-Dichloropropane	1.0	U	10.0	9.19		ug/L		92	78 - 120	7	30
cis-1,3-Dichloropropene	1.0	U	10.0	6.82		ug/L		68	51 - 120	6	30
trans-1,3-Dichloropropene	1.0	U	10.0	6.72		ug/L		67	46 - 120	4	30
Ethylbenzene	1.0	U	10.0	9.64		ug/L		96	75 - 120	3	30
2-Hexanone	10	U	20.0	13.8		ug/L		69	47 - 139	2	30
Methylene Chloride	1.0	U *	10.0	10.6		ug/L		106	63 - 128	3	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	12.9		ug/L		65	56 - 131	14	30
Styrene	1.0	U	10.0	10.0		ug/L		100	71 - 120	5	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.70		ug/L		97	63 - 122	0	30
Tetrachloroethene	1.0	U	10.0	9.93		ug/L		99	70 - 120	4	30
Toluene	1.0	U	10.0	9.70		ug/L		97	78 - 120	2	30
Trichloroethene	1.0	U	10.0	9.72		ug/L		97	66 - 120	0	30
Vinyl chloride	1.0	U	10.0	8.06		ug/L		81	49 - 130	2	30
Xylenes, Total	2.0	U	20.0	19.4		ug/L		97	76 - 120	4	30
1,1,1-Trichloroethane	1.0	U	10.0	8.92		ug/L		89	68 - 121	4	30
1,1,2-Trichloroethane	1.0	U	10.0	9.31		ug/L		93	75 - 120	3	30
Cyclohexane	1.0	U	10.0	7.79		ug/L		78	49 - 123	5	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.00		ug/L		80	32 - 139	3	30
Ethylene Dibromide	1.0	U	10.0	9.18		ug/L		92	74 - 120	1	30
Dichlorodifluoromethane	1.0	U	10.0	9.21		ug/L		92	17 - 128	16	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.2		ug/L		102	70 - 120	4	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.6		ug/L		106	80 - 120	3	30
Isopropylbenzene	1.0	U	10.0	9.54		ug/L		95	68 - 120	4	30
Methyl acetate	10	U	50.0	42.7		ug/L		85	47 - 130	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41608-24 MSD
Matrix: Water
Analysis Batch: 146536

Client Sample ID: WG-12616-090514-DN-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	1.0	U	10.0	7.62		ug/L		76	46 - 144	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.1		ug/L		101	70 - 152	10	30
1,2,4-Trichlorobenzene	1.0	U	10.0	9.72		ug/L		97	38 - 138	1	30
1,2-Dichlorobenzene	1.0	U	10.0	9.52		ug/L		95	75 - 120	4	30
1,3-Dichlorobenzene	1.0	U	10.0	9.44		ug/L		94	73 - 120	2	30
1,4-Dichlorobenzene	1.0	U	10.0	9.37		ug/L		94	75 - 120	3	30
Trichlorofluoromethane	1.0	U	10.0	9.99		ug/L		100	46 - 157	18	30
Chlorodibromomethane	1.0	U	10.0	8.04		ug/L		80	56 - 120	0	30
Methylcyclohexane	1.0	U	10.0	8.02		ug/L		80	49 - 127	3	30
m-Xylene & p-Xylene	2.0		10.0	9.62		ug/L		96	75 - 120	4	30
o-Xylene	1.0		10.0	9.77		ug/L		98	76 - 120	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*63 - 129*
4-Bromofluorobenzene (Surr)	*86*		*66 - 120*
Toluene-d8 (Surr)	*89*		*74 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

GC/MS VOA

Analysis Batch: 146133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41608-25	TB-12616-001	Total/NA	Water	8260B	
LCS 240-146133/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-146133/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 146331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41608-6	WG-12616-090314-DN-06	Total/NA	Water	8260B	
240-41608-7	WG-12616-090314-DN-07	Total/NA	Water	8260B	
240-41608-8	WG-12616-090314-DN-08	Total/NA	Water	8260B	
240-41608-9	WG-12616-090314-DN-09	Total/NA	Water	8260B	
240-41608-10	WG-12616-090414-DN-10	Total/NA	Water	8260B	
240-41608-11	WG-12616-090414-DN-11	Total/NA	Water	8260B	
LCS 240-146331/10	Lab Control Sample	Total/NA	Water	8260B	
MB 240-146331/12	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 146345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41608-21	WG-12616-090514-DN-21	Total/NA	Water	8260B	
240-41608-21 MS	WG-12616-090514-DN-21	Total/NA	Water	8260B	
240-41608-21 MSD	WG-12616-090514-DN-21	Total/NA	Water	8260B	
240-41608-22	WG-12616-090514-DN-22	Total/NA	Water	8260B	
LCS 240-146345/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-146345/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 146406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41608-1	WG-12616-090214-DN-01	Total/NA	Water	8260B	
240-41608-1 MS	WG-12616-090214-DN-01	Total/NA	Water	8260B	
240-41608-1 MSD	WG-12616-090214-DN-01	Total/NA	Water	8260B	
240-41608-2	WG-12616-090214-DN-02	Total/NA	Water	8260B	
240-41608-3	WG-12616-090214-DN-03	Total/NA	Water	8260B	
240-41608-4	WG-12616-090314-DN-04	Total/NA	Water	8260B	
240-41608-5	WG-12616-090314-DN-05	Total/NA	Water	8260B	
LCS 240-146406/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-146406/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 146536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41608-12	WG-12616-090414-DN-12	Total/NA	Water	8260B	
240-41608-13	WG-12616-090414-DN-13	Total/NA	Water	8260B	
240-41608-14	WG-12616-090414-DN-14	Total/NA	Water	8260B	
240-41608-15	WG-12616-090414-DN-15	Total/NA	Water	8260B	
240-41608-16	WG-12616-090414-DN-16	Total/NA	Water	8260B	
240-41608-17	WG-12616-090414-DN-17	Total/NA	Water	8260B	
240-41608-18	WG-12616-090514-DN-18	Total/NA	Water	8260B	
240-41608-19	WG-12616-090514-DN-19	Total/NA	Water	8260B	
240-41608-20	WG-12616-090514-DN-20	Total/NA	Water	8260B	
240-41608-23	WG-12616-090514-DN-23	Total/NA	Water	8260B	
240-41608-24	WG-12616-090514-DN-24	Total/NA	Water	8260B	
240-41608-24 MS	WG-12616-090514-DN-24	Total/NA	Water	8260B	
240-41608-24 MSD	WG-12616-090514-DN-24	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 146536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-146536/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-146536/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-090214-DN-01 — **Lab Sample ID: 240-41608-1**
Date Collected: 09/02/14 15:00 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146406	09/10/14 16:35	LRW	TAL CAN

Client Sample ID: WG-12616-090214-DN-02 — **Lab Sample ID: 240-41608-2**
Date Collected: 09/02/14 16:25 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146406	09/10/14 22:37	LRW	TAL CAN

Client Sample ID: WG-12616-090214-DN-03 — **Lab Sample ID: 240-41608-3**
Date Collected: 09/02/14 17:40 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146406	09/10/14 22:59	LRW	TAL CAN

Client Sample ID: WG-12616-090314-DN-04 — **Lab Sample ID: 240-41608-4**
Date Collected: 09/03/14 07:55 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146406	09/10/14 23:22	LRW	TAL CAN

Client Sample ID: WG-12616-090314-DN-05 — **Lab Sample ID: 240-41608-5**
Date Collected: 09/03/14 09:15 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146406	09/10/14 23:45	LRW	TAL CAN

Client Sample ID: WG-12616-090314-DN-06 — **Lab Sample ID: 240-41608-6**
Date Collected: 09/03/14 14:00 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146331	09/10/14 18:39	RJQ	TAL CAN

Client Sample ID: WG-12616-090314-DN-07 — **Lab Sample ID: 240-41608-7**
Date Collected: 09/03/14 15:40 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146331	09/10/14 19:01	RJQ	TAL CAN

Client Sample ID: WG-12616-090314-DN-08 — **Lab Sample ID: 240-41608-8**
Date Collected: 09/03/14 17:15 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146331	09/10/14 19:24	RJQ	TAL CAN

Client Sample ID: WG-12616-090314-DN-09 — **Lab Sample ID: 240-41608-9**
Date Collected: 09/03/14 18:10 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146331	09/10/14 19:47	RJQ	TAL CAN

Client Sample ID: WG-12616-090414-DN-10 — **Lab Sample ID: 240-41608-10**
Date Collected: 09/04/14 08:30 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146331	09/10/14 20:09	RJQ	TAL CAN

Client Sample ID: WG-12616-090414-DN-11 — **Lab Sample ID: 240-41608-11**
Date Collected: 09/04/14 09:30 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146331	09/10/14 20:32	RJQ	TAL CAN

Client Sample ID: WG-12616-090414-DN-12 — **Lab Sample ID: 240-41608-12**
Date Collected: 09/04/14 10:50 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 16:52	LEE	TAL CAN

Client Sample ID: WG-12616-090414-DN-13 — **Lab Sample ID: 240-41608-13**
Date Collected: 09/04/14 11:20 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 17:14	LEE	TAL CAN

Client Sample ID: WG-12616-090414-DN-14 — **Lab Sample ID: 240-41608-14**
Date Collected: 09/04/14 12:35 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 17:37	LEE	TAL CAN

Client Sample ID: WG-12616-090414-DN-15 — **Lab Sample ID: 240-41608-15**
Date Collected: 09/04/14 13:45 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 17:59	LEE	TAL CAN

Client Sample ID: WG-12616-090414-DN-16 — **Lab Sample ID: 240-41608-16**
Date Collected: 09/04/14 16:00 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 18:21	LEE	TAL CAN

Client Sample ID: WG-12616-090414-DN-17 — **Lab Sample ID: 240-41608-17**
Date Collected: 09/04/14 17:35 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 18:44	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-18 — **Lab Sample ID: 240-41608-18**
Date Collected: 09/05/14 08:50 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 19:06	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-19 — **Lab Sample ID: 240-41608-19**
Date Collected: 09/05/14 12:20 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 19:28	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-20 — **Lab Sample ID: 240-41608-20**
Date Collected: 09/05/14 13:15 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 19:50	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-21 — **Lab Sample ID: 240-41608-21**
Date Collected: 09/05/14 14:25 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146345	09/10/14 17:34	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-22 — **Lab Sample ID: 240-41608-22**
Date Collected: 09/05/14 15:55 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146345	09/10/14 17:57	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-23 — **Lab Sample ID: 240-41608-23**
Date Collected: 09/05/14 17:05 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 20:13	LEE	TAL CAN

Client Sample ID: WG-12616-090514-DN-24 — **Lab Sample ID: 240-41608-24**
Date Collected: 09/05/14 18:00 — **Matrix: Water**
Date Received: 09/06/14 12:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146536	09/11/14 20:35	LEE	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Client Sample ID: TB-12616-001
Date Collected: 09/02/14 00:00
Date Received: 09/06/14 12:40

Lab Sample ID: 240-41608-25
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	146133	09/09/14 15:09	LEE	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, OVAP Racer Elyria

TestAmerica Job ID: 240-41608-1

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Ohio VAP	State Program	5	CL0024	10-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B		Water	Cyclohexane
8260B		Water	Methyl acetate
8260B		Water	Methylcyclohexane

TestAmerica
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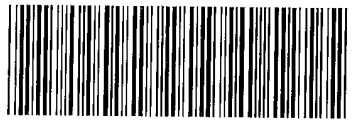
TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS



240-41608 Chain of Custody

TestAmerica Canton
4101 Shuffel Street, N. W.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

1.8

Chain of Custody Record

047698

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: A.L.	Site Contact: D.N.	Date: 9-6-14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: D. H.	Carrier: CRA	1 of 2 COCs
Address: 1805 E Perkins	Analysis Turnaround Time			Sampler:
City/State/Zip: Sandusky OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 419-609-1339	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Elyria Retail	☐ 1 week			
Site: 12616-T02	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	Sample Specific Notes:
WG-12616-090214-DN-01	9.2.14	1500	G	Wt	3			X	
-02		1625			3			X	
-03		1740			3			X	
WG-12616-090314-DN-04	9.03.14	0755			3			X	
-05		0915			3			X	
-06		1400			3			X	
-07		1540			3			X	
-08		1715			3			X	
-09		1810			3			X	
WG-12616-090414-DN-10	9.4.14	0830			3			X	
-11		0930			3			X	
12		1050			3			X	

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time	Received by	Company	Date/Time
Relinquished by: Don Newton	CRA	9.6.14/1240	Dakota Clowse	TA-Canton	9/6/14 1354
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

09/16/2014

TestAmerica Canton
4101 Shuffel Street, N. N.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

Chain of Custody Record

047699

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: AL	Site Contact: DN	Date: 9-6-14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: DH	Carrier: CRA	2 of 2 COCs
Address: 1805 E. Perkins	Analysis Turnaround Time			Sampler:
City/State/Zip: Sandusky, OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 419-609-1339	TAT if different from Below ____			Walk-in Client:
Fax:	X 2 weeks			Lab Sampling:
Project Name: Elyria Racer	☐ 1 week			
Site: 12616-TO2	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL VOC	Sample Specific Notes:
Wb-12616-090414-DN-13	9.4.14	1120	G	Wb	3			X	
-14		1235			3			X	
-15		1345			3			X	
-16		1600			3			X	
-17		1735			3			X	
Wb-12616-090514-DN -18	9-5-14	0850			3			X	
-19		1220			3			X	
-20		1315			3			X	
-21		1425			9		X	X	MS/MSD
-22		1555			3			X	
-23		1705			3			X	
-24		1800			3			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:
#TB-12616-001 (submitted) for VOC analysis

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: Don Norton	CRA	9.6.14/1240	Dakota Clum	TA-Canton	9/6/14 12:40
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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9/16/2014

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 410008

Client CRA Site Name Elyria

Cooler unpacked by: Dany Burns

Cooler Received on 9/6/14 Opened on 9/6/14

FedEx: 1st Grd Exp UPS FAS Stetson (Client Drop Off) TestAmerica Courier Other

TestAmerica Cooler # 230 Foam Box Client Cooler Box Other

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 4	(CF -2 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 5	(CF 0 °C)	Observed Cooler Temp. ____ °C	Corrected Cooler Temp. ____ °C
IR GUN# 8	(CF 0 °C)	Observed Cooler Temp. 1.8 °C	Corrected Cooler Temp. 1.8 °C

☐ See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity ____ Yes (No)
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No (NA)
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? Yes (No)
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC412469
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? (Yes) No NA
13. Was a trip blank present in the cooler(s)? (Yes) No

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other
Concerning ____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: JPP

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container.
Sample(s) DN-03 (1X40) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory.
Time preserved: ____ Preservative(s) added/Lot number(s): ____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-41799-1
Client Project/Site: 12616-T02-006, OVAP Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
9/23/2014 12:46:19 PM

Denise Heckler, Project Manager II
(330)966-9477
denise.heckler@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-41799-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02-006, OVAP Racer Elyria

Report Number: 240-41799-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

This report may contain sample results between the MDL and RL. Results below the RL are not certified under the Ohio Voluntary Action Program.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated and were analyzed in accordance with Ohio Voluntary Action Program protocols, where applicable. The following requested analytes, parameter groups or methods analyzed and contained in this report are not certified by the laboratory: Cyclohexane, Methyl Acetate, Methylcyclohexane, 1,1,2-Trichloro-1,2,2-trifluoroethane by SW846 8260B (Samples 1 - 34).

A summary of QC data for these analyses is included at the back of the report.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 9/12/2014 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.6º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples WG-12616-090814-DN-25 (240-41799-1), WG-12616-090814-DN-26 (240-41799-2), WG-12616-090814-DN-27 (240-41799-3), WG-12616-090814-DN-28 (240-41799-4), WG-12616-090814-DN-29 (240-41799-5), WG-12616-090814-DN-30 (240-41799-6), WG-12616-090814-DN-31 (240-41799-7), WG-12616-090814-DN-32 (240-41799-8), WG-12616-090914-DN-33 (240-41799-9), WG-12616-090914-DN-34 (240-41799-10), WG-12616-090914-DN-35 (240-41799-11), WG-12616-090914-DN-36 (240-41799-12), WG-12616-090914-DN-37 (240-41799-13), WG-12616-090914-DN-38 (240-41799-14), WG-12616-090914-DN-39 (240-41799-15), WG-12616-090914-DN-40 (240-41799-16), WG-12616-090914-DN-41 (240-41799-17), WG-12616-091014-DN-42 (240-41799-18),

Job ID: 240-41799-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

WG-12616-091014-DN-43 (240-41799-19), WG-12616-091014-DN-44 (240-41799-20), WG-12616-091014-DN-45 (240-41799-21), WG-12616-091014-DN-46 (240-41799-22), WG-12616-091014-DN-47 (240-41799-23), WG-12616-091014-DN-48 (240-41799-24), WG-12616-091014-DN-49 (240-41799-25), WG-12616-091114-DN-50 (240-41799-26), WG-12616-091114-DN-51 (240-41799-27), WG-12616-091114-DN-52 (240-41799-28), WG-12616-091114-DN-53 (240-41799-29), WG-12616-091114-DN-54 (240-41799-30), WG-12616-091114-DN-55 (240-41799-31), WG-12616-091114-DN-56 (240-41799-32), RB-12616-091114-DN-57 (240-41799-33) and TB-12616-002 (240-41799-34) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 09/16/2014, 09/17/2014 and 09/18/2014.

Methylene Chloride was detected in method blank MB 240-147429/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

1,1,2-Trichloro-1,2,2-trifluoroethane failed the recovery criteria low for the MS/MSD of sample WG-12616-091014-DN-46 (240-41799-22) in batch 240-147429.

Samples WG-12616-090814-DN-28 (240-41799-4)[33.33X], WG-12616-090814-DN-29 (240-41799-5)[2.5X], WG-12616-090814-DN-31 (240-41799-7)[12.5X], WG-12616-091014-DN-42 (240-41799-18)[13.33X] and WG-12616-091114-DN-50 (240-41799-26)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-41799-1	WG-12616-090814-DN-25	Water	09/08/14 07:50	09/12/14 09:20
240-41799-2	WG-12616-090814-DN-26	Water	09/08/14 08:50	09/12/14 09:20
240-41799-3	WG-12616-090814-DN-27	Water	09/08/14 09:50	09/12/14 09:20
240-41799-4	WG-12616-090814-DN-28	Water	09/08/14 11:05	09/12/14 09:20
240-41799-5	WG-12616-090814-DN-29	Water	09/08/14 12:10	09/12/14 09:20
240-41799-6	WG-12616-090814-DN-30	Water	09/08/14 13:25	09/12/14 09:20
240-41799-7	WG-12616-090814-DN-31	Water	09/08/14 14:35	09/12/14 09:20
240-41799-8	WG-12616-090814-DN-32	Water	09/08/14 16:10	09/12/14 09:20
240-41799-9	WG-12616-090914-DN-33	Water	09/09/14 08:25	09/12/14 09:20
240-41799-10	WG-12616-090914-DN-34	Water	09/09/14 09:45	09/12/14 09:20
240-41799-11	WG-12616-090914-DN-35	Water	09/09/14 10:40	09/12/14 09:20
240-41799-12	WG-12616-090914-DN-36	Water	09/09/14 11:05	09/12/14 09:20
240-41799-13	WG-12616-090914-DN-37	Water	09/09/14 12:00	09/12/14 09:20
240-41799-14	WG-12616-090914-DN-38	Water	09/09/14 13:20	09/12/14 09:20
240-41799-15	WG-12616-090914-DN-39	Water	09/09/14 14:35	09/12/14 09:20
240-41799-16	WG-12616-090914-DN-40	Water	09/09/14 15:50	09/12/14 09:20
240-41799-17	WG-12616-090914-DN-41	Water	09/09/14 17:10	09/12/14 09:20
240-41799-18	WG-12616-091014-DN-42	Water	09/10/14 07:50	09/12/14 09:20
240-41799-19	WG-12616-091014-DN-43	Water	09/10/14 09:25	09/12/14 09:20
240-41799-20	WG-12616-091014-DN-44	Water	09/10/14 10:55	09/12/14 09:20
240-41799-21	WG-12616-091014-DN-45	Water	09/10/14 12:10	09/12/14 09:20
240-41799-22	WG-12616-091014-DN-46	Water	09/10/14 13:10	09/12/14 09:20
240-41799-23	WG-12616-091014-DN-47	Water	09/10/14 15:15	09/12/14 09:20
240-41799-24	WG-12616-091014-DN-48	Water	09/10/14 16:30	09/12/14 09:20
240-41799-25	WG-12616-091014-DN-49	Water	09/10/14 17:35	09/12/14 09:20
240-41799-26	WG-12616-091114-DN-50	Water	09/11/14 07:55	09/12/14 09:20
240-41799-27	WG-12616-091114-DN-51	Water	09/11/14 09:35	09/12/14 09:20
240-41799-28	WG-12616-091114-DN-52	Water	09/11/14 11:05	09/12/14 09:20
240-41799-29	WG-12616-091114-DN-53	Water	09/11/14 12:20	09/12/14 09:20
240-41799-30	WG-12616-091114-DN-54	Water	09/11/14 12:55	09/12/14 09:20
240-41799-31	WG-12616-091114-DN-55	Water	09/11/14 14:30	09/12/14 09:20
240-41799-32	WG-12616-091114-DN-56	Water	09/11/14 15:40	09/12/14 09:20
240-41799-33	RB-12616-091114-DN-57	Water	09/11/14 16:00	09/12/14 09:20
240-41799-34	TB-12616-002	Water	09/08/14 00:00	09/12/14 09:20

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-25 — Lab Sample ID: 240-41799-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.38	J	1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090814-DN-26 — Lab Sample ID: 240-41799-2

No Detections.

Client Sample ID: WG-12616-090814-DN-27 — Lab Sample ID: 240-41799-3

No Detections.

Client Sample ID: WG-12616-090814-DN-28 — Lab Sample ID: 240-41799-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1200		33	9.7	ug/L	33.33		8260B	Total/NA
cis-1,2-Dichloroethene	830		33	6.7	ug/L	33.33		8260B	Total/NA
trans-1,2-Dichloroethene	77		33	8.7	ug/L	33.33		8260B	Total/NA

Client Sample ID: WG-12616-090814-DN-29 — Lab Sample ID: 240-41799-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.8		2.5	0.65	ug/L	2.5		8260B	Total/NA
Trichloroethene	3.0		2.5	0.38	ug/L	2.5		8260B	Total/NA
Vinyl chloride	28		2.5	0.73	ug/L	2.5		8260B	Total/NA
cis-1,2-Dichloroethene	96		2.5	0.50	ug/L	2.5		8260B	Total/NA
trans-1,2-Dichloroethene	34		2.5	0.65	ug/L	2.5		8260B	Total/NA

Client Sample ID: WG-12616-090814-DN-30 — Lab Sample ID: 240-41799-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.22	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	14		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.1		1.0	0.20	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.65	J	1.0	0.26	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090814-DN-31 — Lab Sample ID: 240-41799-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	420		13	3.6	ug/L	12.5		8260B	Total/NA
cis-1,2-Dichloroethene	57		13	2.5	ug/L	12.5		8260B	Total/NA
trans-1,2-Dichloroethene	17		13	3.3	ug/L	12.5		8260B	Total/NA

Client Sample ID: WG-12616-090814-DN-32 — Lab Sample ID: 240-41799-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.4	J	10	3.4	ug/L	1		8260B	Total/NA
Chloroform	0.60	J	1.0	0.21	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-33 — Lab Sample ID: 240-41799-9

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-34 — Lab Sample ID: 240-41799-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	53		10	3.4	ug/L	1		8260B	Total/NA
Benzene	0.72	J	1.0	0.24	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.9	J	10	4.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.6		1.0	0.28	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.79	J	1.0	0.45	ug/L	1		8260B	Total/NA
Ethylbenzene	0.50	J	1.0	0.23	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.35	J	1.0	0.20	ug/L	1		8260B	Total/NA
Toluene	1.9		1.0	0.22	ug/L	1		8260B	Total/NA
Xylenes, Total	3.1		2.0	0.43	ug/L	1		8260B	Total/NA
Cyclohexane	1.5		1.0	0.33	ug/L	1		8260B	Total/NA
Methylcyclohexane	0.84	J	1.0	0.23	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-35 — Lab Sample ID: 240-41799-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	42		10	3.4	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.3	J	10	4.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.2		1.0	0.28	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.41	J	1.0	0.26	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	12		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.20	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.4		1.0	0.26	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-36 — Lab Sample ID: 240-41799-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	44		10	3.4	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.3	J	10	4.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.5		1.0	0.28	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.46	J	1.0	0.26	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	13		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	15		1.0	0.20	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	3.6		1.0	0.26	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-37 — Lab Sample ID: 240-41799-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.34	J	1.0	0.28	ug/L	1		8260B	Total/NA
Vinyl chloride	28		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.9		1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-38 — Lab Sample ID: 240-41799-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.86	J	1.0	0.28	ug/L	1		8260B	Total/NA
Vinyl chloride	24		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.1		1.0	0.20	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.26	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-39 — Lab Sample ID: 240-41799-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.9		1.0	0.26	ug/L	1		8260B	Total/NA
Trichloroethene	4.5		1.0	0.15	ug/L	1		8260B	Total/NA
1,1,1-Trichloroethane	10		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.46	J	1.0	0.20	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.31	J	1.0	0.26	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-40 — Lab Sample ID: 240-41799-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.24	J	1.0	0.24	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-090914-DN-41 — Lab Sample ID: 240-41799-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.62	J	1.0	0.28	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-091014-DN-42 — Lab Sample ID: 240-41799-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	500		13	2.0	ug/L	13.33		8260B	Total/NA
Vinyl chloride	79		13	3.9	ug/L	13.33		8260B	Total/NA
cis-1,2-Dichloroethene	460		13	2.7	ug/L	13.33		8260B	Total/NA
trans-1,2-Dichloroethene	180		13	3.5	ug/L	13.33		8260B	Total/NA

Client Sample ID: WG-12616-091014-DN-43 — Lab Sample ID: 240-41799-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7		1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-091014-DN-44 — Lab Sample ID: 240-41799-20

No Detections.

Client Sample ID: WG-12616-091014-DN-45 — Lab Sample ID: 240-41799-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.4		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-091014-DN-46 — Lab Sample ID: 240-41799-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.40	J	1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-091014-DN-47 — Lab Sample ID: 240-41799-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	0.33	J	1.0	0.33	ug/L	1		8260B	Total/NA
Vinyl chloride	3.6		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.20	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-48 — Lab Sample ID: 240-41799-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	6.2		1.0	0.29	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.83	J	1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-091014-DN-49 — Lab Sample ID: 240-41799-25

No Detections.

Client Sample ID: WG-12616-091114-DN-50 — Lab Sample ID: 240-41799-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	51		2.0	0.40	ug/L	2		8260B	Total/NA
trans-1,2-Dichloroethene	3.3		2.0	0.52	ug/L	2		8260B	Total/NA

Client Sample ID: WG-12616-091114-DN-51 — Lab Sample ID: 240-41799-27

No Detections.

Client Sample ID: WG-12616-091114-DN-52 — Lab Sample ID: 240-41799-28

No Detections.

Client Sample ID: WG-12616-091114-DN-53 — Lab Sample ID: 240-41799-29

No Detections.

Client Sample ID: WG-12616-091114-DN-54 — Lab Sample ID: 240-41799-30

No Detections.

Client Sample ID: WG-12616-091114-DN-55 — Lab Sample ID: 240-41799-31

No Detections.

Client Sample ID: WG-12616-091114-DN-56 — Lab Sample ID: 240-41799-32

No Detections.

Client Sample ID: RB-12616-091114-DN-57 — Lab Sample ID: 240-41799-33

No Detections.

Client Sample ID: TB-12616-002 — Lab Sample ID: 240-41799-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.4	J	10	3.4	ug/L	1		8260B	Total/NA
Methylene Chloride	0.82	J B	1.0	0.28	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-25
Date Collected: 09/08/14 07:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/16/14 20:55	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 20:55	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 20:55	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 20:55	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 20:55	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 20:55	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 20:55	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/16/14 20:55	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 20:55	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 20:55	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 20:55	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 20:55	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 20:55	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 20:55	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 20:55	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 20:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 20:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 20:55	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 20:55	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 20:55	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 20:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 20:55	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 20:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 20:55	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 20:55	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 20:55	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 20:55	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 20:55	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 20:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 20:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 20:55	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 20:55	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 20:55	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 20:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 20:55	1
cis-1,2-Dichloroethene	**0.38**	**J**	1.0	0.20	ug/L			09/16/14 20:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 20:55	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 20:55	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 20:55	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 20:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 20:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 20:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 20:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 20:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 20:55	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 20:55	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 20:55	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 20:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-25
Date Collected: 09/08/14 07:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		09/16/14 20:55	1
4-Bromofluorobenzene (Surr)	73		66 - 120		09/16/14 20:55	1
Toluene-d8 (Surr)	85		74 - 120		09/16/14 20:55	1
Dibromofluoromethane (Surr)	102		75 - 121		09/16/14 20:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-26
Date Collected: 09/08/14 08:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/16/14 21:17	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 21:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 21:17	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 21:17	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 21:17	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 21:17	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 21:17	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/16/14 21:17	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 21:17	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 21:17	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 21:17	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 21:17	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 21:17	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 21:17	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 21:17	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 21:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 21:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 21:17	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 21:17	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 21:17	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 21:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 21:17	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 21:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 21:17	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 21:17	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 21:17	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 21:17	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 21:17	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 21:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 21:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 21:17	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 21:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 21:17	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 21:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 21:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 21:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 21:17	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 21:17	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 21:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 21:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 21:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 21:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 21:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 21:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 21:17	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 21:17	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 21:17	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 21:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-26
Date Collected: 09/08/14 08:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		09/16/14 21:17	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/16/14 21:17	1
Toluene-d8 (Surr)	85		74 - 120		09/16/14 21:17	1
Dibromofluoromethane (Surr)	106		75 - 121		09/16/14 21:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-27
Date Collected: 09/08/14 09:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/16/14 21:39	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 21:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 21:39	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 21:39	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 21:39	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 21:39	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 21:39	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/16/14 21:39	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 21:39	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 21:39	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 21:39	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 21:39	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 21:39	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 21:39	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 21:39	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 21:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 21:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 21:39	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 21:39	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 21:39	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 21:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 21:39	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 21:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 21:39	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 21:39	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 21:39	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 21:39	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 21:39	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 21:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 21:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 21:39	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 21:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 21:39	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 21:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 21:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 21:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 21:39	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 21:39	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 21:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 21:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 21:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 21:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 21:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 21:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 21:39	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 21:39	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 21:39	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 21:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-27
Date Collected: 09/08/14 09:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		09/16/14 21:39	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/16/14 21:39	1
Toluene-d8 (Surr)	86		74 - 120		09/16/14 21:39	1
Dibromofluoromethane (Surr)	108		75 - 121		09/16/14 21:39	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-28
Date Collected: 09/08/14 11:05
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	330	U	330	110	ug/L			09/18/14 16:51	33.33
Benzene	33	U	33	8.0	ug/L			09/18/14 16:51	33.33
Dichlorobromomethane	33	U	33	5.0	ug/L			09/18/14 16:51	33.33
Bromoform	33	U	33	19	ug/L			09/18/14 16:51	33.33
Bromomethane	33	U	33	21	ug/L			09/18/14 16:51	33.33
2-Butanone (MEK)	330	U	330	140	ug/L			09/18/14 16:51	33.33
Carbon disulfide	33	U	33	9.3	ug/L			09/18/14 16:51	33.33
Carbon tetrachloride	33	U	33	5.7	ug/L			09/18/14 16:51	33.33
Chlorobenzene	33	U	33	6.3	ug/L			09/18/14 16:51	33.33
Chloroethane	33	U	33	11	ug/L			09/18/14 16:51	33.33
Chloroform	33	U	33	7.0	ug/L			09/18/14 16:51	33.33
Chloromethane	33	U	33	15	ug/L			09/18/14 16:51	33.33
1,1-Dichloroethane	33	U	33	8.7	ug/L			09/18/14 16:51	33.33
1,2-Dichloroethane	33	U	33	6.7	ug/L			09/18/14 16:51	33.33
1,1-Dichloroethene	33	U	33	15	ug/L			09/18/14 16:51	33.33
1,2-Dichloropropane	33	U	33	7.3	ug/L			09/18/14 16:51	33.33
cis-1,3-Dichloropropene	33	U	33	15	ug/L			09/18/14 16:51	33.33
trans-1,3-Dichloropropene	33	U	33	19	ug/L			09/18/14 16:51	33.33
Ethylbenzene	33	U	33	7.7	ug/L			09/18/14 16:51	33.33
2-Hexanone	330	U	330	130	ug/L			09/18/14 16:51	33.33
Methylene Chloride	33	U	33	9.3	ug/L			09/18/14 16:51	33.33
4-Methyl-2-pentanone (MIBK)	330	U	330	120	ug/L			09/18/14 16:51	33.33
Styrene	33	U	33	15	ug/L			09/18/14 16:51	33.33
1,1,2,2-Tetrachloroethane	33	U	33	7.3	ug/L			09/18/14 16:51	33.33
Tetrachloroethene	33	U	33	6.7	ug/L			09/18/14 16:51	33.33
Toluene	33	U	33	7.3	ug/L			09/18/14 16:51	33.33
Trichloroethene	33	U	33	5.0	ug/L			09/18/14 16:51	33.33
Vinyl chloride	**1200**		33	9.7	ug/L			09/18/14 16:51	33.33
Xylenes, Total	67	U	67	14	ug/L			09/18/14 16:51	33.33
1,1,1-Trichloroethane	33	U	33	7.3	ug/L			09/18/14 16:51	33.33
1,1,2-Trichloroethane	33	U	33	5.7	ug/L			09/18/14 16:51	33.33
Cyclohexane	33	U	33	11	ug/L			09/18/14 16:51	33.33
1,2-Dibromo-3-Chloropropane	67	U	67	27	ug/L			09/18/14 16:51	33.33
Ethylene Dibromide	33	U	33	6.3	ug/L			09/18/14 16:51	33.33
Dichlorodifluoromethane	33	U	33	17	ug/L			09/18/14 16:51	33.33
cis-1,2-Dichloroethene	**830**		33	6.7	ug/L			09/18/14 16:51	33.33
trans-1,2-Dichloroethene	**77**		33	8.7	ug/L			09/18/14 16:51	33.33
Isopropylbenzene	33	U	33	12	ug/L			09/18/14 16:51	33.33
Methyl acetate	330	U	330	76	ug/L			09/18/14 16:51	33.33
Methyl tert-butyl ether	33	U	33	5.3	ug/L			09/18/14 16:51	33.33
1,1,2-Trichloro-1,2,2-trifluoroethane	33	U	33	12	ug/L			09/18/14 16:51	33.33
1,2,4-Trichlorobenzene	33	U	33	11	ug/L			09/18/14 16:51	33.33
1,2-Dichlorobenzene	33	U	33	5.7	ug/L			09/18/14 16:51	33.33
1,3-Dichlorobenzene	33	U	33	5.7	ug/L			09/18/14 16:51	33.33
1,4-Dichlorobenzene	33	U	33	5.3	ug/L			09/18/14 16:51	33.33
Trichlorofluoromethane	33	U	33	16	ug/L			09/18/14 16:51	33.33
Chlorodibromomethane	33	U	33	14	ug/L			09/18/14 16:51	33.33
Methylcyclohexane	33	U	33	7.7	ug/L			09/18/14 16:51	33.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-28
Date Collected: 09/08/14 11:05
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/18/14 16:51	33.33
4-Bromofluorobenzene (Surr)	77		66 - 120		09/18/14 16:51	33.33
Toluene-d8 (Surr)	85		74 - 120		09/18/14 16:51	33.33
Dibromofluoromethane (Surr)	103		75 - 121		09/18/14 16:51	33.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-29
Date Collected: 09/08/14 12:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25	U	25	8.6	ug/L			09/18/14 17:14	2.5
Benzene	2.5	U	2.5	0.60	ug/L			09/18/14 17:14	2.5
Dichlorobromomethane	2.5	U	2.5	0.38	ug/L			09/18/14 17:14	2.5
Bromoform	2.5	U	2.5	1.4	ug/L			09/18/14 17:14	2.5
Bromomethane	2.5	U	2.5	1.6	ug/L			09/18/14 17:14	2.5
2-Butanone (MEK)	25	U	25	10	ug/L			09/18/14 17:14	2.5
Carbon disulfide	2.5	U	2.5	0.70	ug/L			09/18/14 17:14	2.5
Carbon tetrachloride	2.5	U	2.5	0.43	ug/L			09/18/14 17:14	2.5
Chlorobenzene	2.5	U	2.5	0.48	ug/L			09/18/14 17:14	2.5
Chloroethane	2.5	U	2.5	0.83	ug/L			09/18/14 17:14	2.5
Chloroform	2.5	U	2.5	0.53	ug/L			09/18/14 17:14	2.5
Chloromethane	2.5	U	2.5	1.1	ug/L			09/18/14 17:14	2.5
1,1-Dichloroethane	**2.8**		2.5	0.65	ug/L			09/18/14 17:14	2.5
1,2-Dichloroethane	2.5	U	2.5	0.50	ug/L			09/18/14 17:14	2.5
1,1-Dichloroethene	2.5	U	2.5	1.1	ug/L			09/18/14 17:14	2.5
1,2-Dichloropropane	2.5	U	2.5	0.55	ug/L			09/18/14 17:14	2.5
cis-1,3-Dichloropropene	2.5	U	2.5	1.2	ug/L			09/18/14 17:14	2.5
trans-1,3-Dichloropropene	2.5	U	2.5	1.4	ug/L			09/18/14 17:14	2.5
Ethylbenzene	2.5	U	2.5	0.58	ug/L			09/18/14 17:14	2.5
2-Hexanone	25	U	25	9.7	ug/L			09/18/14 17:14	2.5
Methylene Chloride	2.5	U	2.5	0.70	ug/L			09/18/14 17:14	2.5
4-Methyl-2-pentanone (MIBK)	25	U	25	9.0	ug/L			09/18/14 17:14	2.5
Styrene	2.5	U	2.5	1.1	ug/L			09/18/14 17:14	2.5
1,1,2,2-Tetrachloroethane	2.5	U	2.5	0.55	ug/L			09/18/14 17:14	2.5
Tetrachloroethene	2.5	U	2.5	0.50	ug/L			09/18/14 17:14	2.5
Toluene	2.5	U	2.5	0.55	ug/L			09/18/14 17:14	2.5
Trichloroethene	**3.0**		2.5	0.38	ug/L			09/18/14 17:14	2.5
Vinyl chloride	**28**		2.5	0.73	ug/L			09/18/14 17:14	2.5
Xylenes, Total	5.0	U	5.0	1.1	ug/L			09/18/14 17:14	2.5
1,1,1-Trichloroethane	2.5	U	2.5	0.55	ug/L			09/18/14 17:14	2.5
1,1,2-Trichloroethane	2.5	U	2.5	0.43	ug/L			09/18/14 17:14	2.5
Cyclohexane	2.5	U	2.5	0.83	ug/L			09/18/14 17:14	2.5
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.1	ug/L			09/18/14 17:14	2.5
Ethylene Dibromide	2.5	U	2.5	0.48	ug/L			09/18/14 17:14	2.5
Dichlorodifluoromethane	2.5	U	2.5	1.3	ug/L			09/18/14 17:14	2.5
cis-1,2-Dichloroethene	**96**		2.5	0.50	ug/L			09/18/14 17:14	2.5
trans-1,2-Dichloroethene	**34**		2.5	0.65	ug/L			09/18/14 17:14	2.5
Isopropylbenzene	2.5	U	2.5	0.88	ug/L			09/18/14 17:14	2.5
Methyl acetate	25	U	25	5.7	ug/L			09/18/14 17:14	2.5
Methyl tert-butyl ether	2.5	U	2.5	0.40	ug/L			09/18/14 17:14	2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	2.5	U	2.5	0.93	ug/L			09/18/14 17:14	2.5
1,2,4-Trichlorobenzene	2.5	U	2.5	0.80	ug/L			09/18/14 17:14	2.5
1,2-Dichlorobenzene	2.5	U	2.5	0.43	ug/L			09/18/14 17:14	2.5
1,3-Dichlorobenzene	2.5	U	2.5	0.43	ug/L			09/18/14 17:14	2.5
1,4-Dichlorobenzene	2.5	U	2.5	0.40	ug/L			09/18/14 17:14	2.5
Trichlorofluoromethane	2.5	U	2.5	1.2	ug/L			09/18/14 17:14	2.5
Chlorodibromomethane	2.5	U	2.5	1.1	ug/L			09/18/14 17:14	2.5
Methylcyclohexane	2.5	U	2.5	0.58	ug/L			09/18/14 17:14	2.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-29
Date Collected: 09/08/14 12:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		09/18/14 17:14	2.5
4-Bromofluorobenzene (Surr)	76		66 - 120		09/18/14 17:14	2.5
Toluene-d8 (Surr)	85		74 - 120		09/18/14 17:14	2.5
Dibromofluoromethane (Surr)	104		75 - 121		09/18/14 17:14	2.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-30
Date Collected: 09/08/14 13:25
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/18/14 17:37	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 17:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 17:37	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 17:37	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 17:37	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 17:37	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/18/14 17:37	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 17:37	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 17:37	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 17:37	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 17:37	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 17:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 17:37	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 17:37	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 17:37	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 17:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 17:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 17:37	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 17:37	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 17:37	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 17:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 17:37	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 17:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 17:37	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 17:37	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 17:37	1
Trichloroethene	**0.22**	**J**	1.0	0.15	ug/L			09/18/14 17:37	1
Vinyl chloride	**14**		1.0	0.29	ug/L			09/18/14 17:37	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 17:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 17:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 17:37	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 17:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 17:37	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 17:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 17:37	1
cis-1,2-Dichloroethene	**4.1**		1.0	0.20	ug/L			09/18/14 17:37	1
trans-1,2-Dichloroethene	**0.65**	**J**	1.0	0.26	ug/L			09/18/14 17:37	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 17:37	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 17:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 17:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 17:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 17:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 17:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 17:37	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 17:37	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 17:37	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 17:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-30
Date Collected: 09/08/14 13:25
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/18/14 17:37	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/18/14 17:37	1
Toluene-d8 (Surr)	82		74 - 120		09/18/14 17:37	1
Dibromofluoromethane (Surr)	106		75 - 121		09/18/14 17:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-31
Date Collected: 09/08/14 14:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	130	U	130	43	ug/L			09/18/14 17:59	12.5
Benzene	13	U	13	3.0	ug/L			09/18/14 17:59	12.5
Dichlorobromomethane	13	U	13	1.9	ug/L			09/18/14 17:59	12.5
Bromoform	13	U	13	7.0	ug/L			09/18/14 17:59	12.5
Bromomethane	13	U	13	7.9	ug/L			09/18/14 17:59	12.5
2-Butanone (MEK)	130	U	130	51	ug/L			09/18/14 17:59	12.5
Carbon disulfide	13	U	13	3.5	ug/L			09/18/14 17:59	12.5
Carbon tetrachloride	13	U	13	2.1	ug/L			09/18/14 17:59	12.5
Chlorobenzene	13	U	13	2.4	ug/L			09/18/14 17:59	12.5
Chloroethane	13	U	13	4.1	ug/L			09/18/14 17:59	12.5
Chloroform	13	U	13	2.6	ug/L			09/18/14 17:59	12.5
Chloromethane	13	U	13	5.5	ug/L			09/18/14 17:59	12.5
1,1-Dichloroethane	13	U	13	3.3	ug/L			09/18/14 17:59	12.5
1,2-Dichloroethane	13	U	13	2.5	ug/L			09/18/14 17:59	12.5
1,1-Dichloroethene	13	U	13	5.6	ug/L			09/18/14 17:59	12.5
1,2-Dichloropropane	13	U	13	2.8	ug/L			09/18/14 17:59	12.5
cis-1,3-Dichloropropene	13	U	13	5.8	ug/L			09/18/14 17:59	12.5
trans-1,3-Dichloropropene	13	U	13	7.0	ug/L			09/18/14 17:59	12.5
Ethylbenzene	13	U	13	2.9	ug/L			09/18/14 17:59	12.5
2-Hexanone	130	U	130	49	ug/L			09/18/14 17:59	12.5
Methylene Chloride	13	U	13	3.5	ug/L			09/18/14 17:59	12.5
4-Methyl-2-pentanone (MIBK)	130	U	130	45	ug/L			09/18/14 17:59	12.5
Styrene	13	U	13	5.6	ug/L			09/18/14 17:59	12.5
1,1,2,2-Tetrachloroethane	13	U	13	2.8	ug/L			09/18/14 17:59	12.5
Tetrachloroethene	13	U	13	2.5	ug/L			09/18/14 17:59	12.5
Toluene	13	U	13	2.8	ug/L			09/18/14 17:59	12.5
Trichloroethene	13	U	13	1.9	ug/L			09/18/14 17:59	12.5
Vinyl chloride	**420**		13	3.6	ug/L			09/18/14 17:59	12.5
Xylenes, Total	25	U	25	5.4	ug/L			09/18/14 17:59	12.5
1,1,1-Trichloroethane	13	U	13	2.8	ug/L			09/18/14 17:59	12.5
1,1,2-Trichloroethane	13	U	13	2.1	ug/L			09/18/14 17:59	12.5
Cyclohexane	13	U	13	4.1	ug/L			09/18/14 17:59	12.5
1,2-Dibromo-3-Chloropropane	25	U	25	10	ug/L			09/18/14 17:59	12.5
Ethylene Dibromide	13	U	13	2.4	ug/L			09/18/14 17:59	12.5
Dichlorodifluoromethane	13	U	13	6.3	ug/L			09/18/14 17:59	12.5
cis-1,2-Dichloroethene	**57**		13	2.5	ug/L			09/18/14 17:59	12.5
trans-1,2-Dichloroethene	**17**		13	3.3	ug/L			09/18/14 17:59	12.5
Isopropylbenzene	13	U	13	4.4	ug/L			09/18/14 17:59	12.5
Methyl acetate	130	U	130	28	ug/L			09/18/14 17:59	12.5
Methyl tert-butyl ether	13	U	13	2.0	ug/L			09/18/14 17:59	12.5
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	4.6	ug/L			09/18/14 17:59	12.5
1,2,4-Trichlorobenzene	13	U	13	4.0	ug/L			09/18/14 17:59	12.5
1,2-Dichlorobenzene	13	U	13	2.1	ug/L			09/18/14 17:59	12.5
1,3-Dichlorobenzene	13	U	13	2.1	ug/L			09/18/14 17:59	12.5
1,4-Dichlorobenzene	13	U	13	2.0	ug/L			09/18/14 17:59	12.5
Trichlorofluoromethane	13	U	13	6.1	ug/L			09/18/14 17:59	12.5
Chlorodibromomethane	13	U	13	5.4	ug/L			09/18/14 17:59	12.5
Methylcyclohexane	13	U	13	2.9	ug/L			09/18/14 17:59	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-31
Date Collected: 09/08/14 14:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/18/14 17:59	12.5
4-Bromofluorobenzene (Surr)	74		66 - 120		09/18/14 17:59	12.5
Toluene-d8 (Surr)	82		74 - 120		09/18/14 17:59	12.5
Dibromofluoromethane (Surr)	107		75 - 121		09/18/14 17:59	12.5

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-32
Date Collected: 09/08/14 16:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**3.4**	**J**	10	3.4	ug/L			09/18/14 18:22	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 18:22	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 18:22	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 18:22	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 18:22	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 18:22	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/18/14 18:22	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 18:22	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 18:22	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 18:22	1
Chloroform	**0.60**	**J**	1.0	0.21	ug/L			09/18/14 18:22	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 18:22	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 18:22	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 18:22	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 18:22	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 18:22	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 18:22	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 18:22	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 18:22	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 18:22	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 18:22	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 18:22	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 18:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 18:22	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 18:22	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 18:22	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 18:22	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/18/14 18:22	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 18:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 18:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 18:22	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 18:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 18:22	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 18:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 18:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 18:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/18/14 18:22	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 18:22	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 18:22	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 18:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 18:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 18:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 18:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 18:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 18:22	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 18:22	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 18:22	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 18:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090814-DN-32
Date Collected: 09/08/14 16:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/18/14 18:22	1
4-Bromofluorobenzene (Surr)	79		66 - 120		09/18/14 18:22	1
Toluene-d8 (Surr)	87		74 - 120		09/18/14 18:22	1
Dibromofluoromethane (Surr)	115		75 - 121		09/18/14 18:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-33
Date Collected: 09/09/14 08:25
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/18/14 18:45	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 18:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 18:45	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 18:45	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 18:45	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 18:45	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/18/14 18:45	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 18:45	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 18:45	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 18:45	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 18:45	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 18:45	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 18:45	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 18:45	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 18:45	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 18:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 18:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 18:45	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 18:45	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 18:45	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 18:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 18:45	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 18:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 18:45	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 18:45	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 18:45	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 18:45	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/18/14 18:45	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 18:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 18:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 18:45	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 18:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 18:45	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 18:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 18:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 18:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/18/14 18:45	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 18:45	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 18:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 18:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 18:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 18:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 18:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 18:45	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 18:45	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 18:45	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 18:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-33
Date Collected: 09/09/14 08:25
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		09/18/14 18:45	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/18/14 18:45	1
Toluene-d8 (Surr)	84		74 - 120		09/18/14 18:45	1
Dibromofluoromethane (Surr)	108		75 - 121		09/18/14 18:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-34
Date Collected: 09/09/14 09:45
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**53**		10	3.4	ug/L			09/18/14 19:07	1
Benzene	**0.72**	**J**	1.0	0.24	ug/L			09/18/14 19:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 19:07	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 19:07	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 19:07	1
2-Butanone (MEK)	**4.9**	**J**	10	4.1	ug/L			09/18/14 19:07	1
Carbon disulfide	**1.6**		1.0	0.28	ug/L			09/18/14 19:07	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 19:07	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 19:07	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 19:07	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 19:07	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 19:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 19:07	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 19:07	1
1,1-Dichloroethene	**0.79**	**J**	1.0	0.45	ug/L			09/18/14 19:07	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 19:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 19:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 19:07	1
Ethylbenzene	**0.50**	**J**	1.0	0.23	ug/L			09/18/14 19:07	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 19:07	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 19:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 19:07	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 19:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 19:07	1
Tetrachloroethene	**0.35**	**J**	1.0	0.20	ug/L			09/18/14 19:07	1
Toluene	**1.9**		1.0	0.22	ug/L			09/18/14 19:07	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 19:07	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/18/14 19:07	1
Xylenes, Total	**3.1**		2.0	0.43	ug/L			09/18/14 19:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 19:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 19:07	1
Cyclohexane	**1.5**		1.0	0.33	ug/L			09/18/14 19:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 19:07	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 19:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 19:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 19:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/18/14 19:07	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 19:07	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 19:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 19:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 19:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 19:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 19:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 19:07	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 19:07	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 19:07	1
Methylcyclohexane	**0.84**	**J**	1.0	0.23	ug/L			09/18/14 19:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-34
Date Collected: 09/09/14 09:45
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		09/18/14 19:07	1
4-Bromofluorobenzene (Surr)	89		66 - 120		09/18/14 19:07	1
Toluene-d8 (Surr)	89		74 - 120		09/18/14 19:07	1
Dibromofluoromethane (Surr)	104		75 - 121		09/18/14 19:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-35
Date Collected: 09/09/14 10:40
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**42**		10	3.4	ug/L			09/18/14 19:30	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 19:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 19:30	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 19:30	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 19:30	1
2-Butanone (MEK)	**4.3**	**J**	10	4.1	ug/L			09/18/14 19:30	1
Carbon disulfide	**1.2**		1.0	0.28	ug/L			09/18/14 19:30	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 19:30	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 19:30	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 19:30	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 19:30	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 19:30	1
1,1-Dichloroethane	**0.41**	**J**	1.0	0.26	ug/L			09/18/14 19:30	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 19:30	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 19:30	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 19:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 19:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 19:30	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 19:30	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 19:30	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 19:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 19:30	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 19:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 19:30	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 19:30	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 19:30	1
Trichloroethene	**1.9**		1.0	0.15	ug/L			09/18/14 19:30	1
Vinyl chloride	**12**		1.0	0.29	ug/L			09/18/14 19:30	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 19:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 19:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 19:30	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 19:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 19:30	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 19:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 19:30	1
cis-1,2-Dichloroethene	**14**		1.0	0.20	ug/L			09/18/14 19:30	1
trans-1,2-Dichloroethene	**3.4**		1.0	0.26	ug/L			09/18/14 19:30	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 19:30	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 19:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 19:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 19:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 19:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 19:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 19:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 19:30	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 19:30	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 19:30	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 19:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-35
Date Collected: 09/09/14 10:40
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		09/18/14 19:30	1
4-Bromofluorobenzene (Surr)	80		66 - 120		09/18/14 19:30	1
Toluene-d8 (Surr)	86		74 - 120		09/18/14 19:30	1
Dibromofluoromethane (Surr)	101		75 - 121		09/18/14 19:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-36
Date Collected: 09/09/14 11:05
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**44**		10	3.4	ug/L			09/18/14 19:53	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 19:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 19:53	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 19:53	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 19:53	1
2-Butanone (MEK)	**4.3**	**J**	10	4.1	ug/L			09/18/14 19:53	1
Carbon disulfide	**1.5**		1.0	0.28	ug/L			09/18/14 19:53	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 19:53	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 19:53	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 19:53	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 19:53	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 19:53	1
1,1-Dichloroethane	**0.46**	**J**	1.0	0.26	ug/L			09/18/14 19:53	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 19:53	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 19:53	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 19:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 19:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 19:53	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 19:53	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 19:53	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 19:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 19:53	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 19:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 19:53	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 19:53	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 19:53	1
Trichloroethene	**2.0**		1.0	0.15	ug/L			09/18/14 19:53	1
Vinyl chloride	**13**		1.0	0.29	ug/L			09/18/14 19:53	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 19:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 19:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 19:53	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 19:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 19:53	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 19:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 19:53	1
cis-1,2-Dichloroethene	**15**		1.0	0.20	ug/L			09/18/14 19:53	1
trans-1,2-Dichloroethene	**3.6**		1.0	0.26	ug/L			09/18/14 19:53	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 19:53	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 19:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 19:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 19:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 19:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 19:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 19:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 19:53	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 19:53	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 19:53	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 19:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-36
Date Collected: 09/09/14 11:05
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		09/18/14 19:53	1
4-Bromofluorobenzene (Surr)	80		66 - 120		09/18/14 19:53	1
Toluene-d8 (Surr)	88		74 - 120		09/18/14 19:53	1
Dibromofluoromethane (Surr)	106		75 - 121		09/18/14 19:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-37
Date Collected: 09/09/14 12:00
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/18/14 20:15	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 20:15	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 20:15	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 20:15	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 20:15	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 20:15	1
Carbon disulfide	**0.34**	**J**	1.0	0.28	ug/L			09/18/14 20:15	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 20:15	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 20:15	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 20:15	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 20:15	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 20:15	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 20:15	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 20:15	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 20:15	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 20:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 20:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 20:15	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 20:15	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 20:15	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 20:15	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 20:15	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 20:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 20:15	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 20:15	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 20:15	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 20:15	1
Vinyl chloride	**28**		1.0	0.29	ug/L			09/18/14 20:15	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 20:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 20:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 20:15	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 20:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 20:15	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 20:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 20:15	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.20	ug/L			09/18/14 20:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/18/14 20:15	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 20:15	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 20:15	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 20:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 20:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 20:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 20:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 20:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 20:15	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 20:15	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 20:15	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 20:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-37
Date Collected: 09/09/14 12:00
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		09/18/14 20:15	1
4-Bromofluorobenzene (Surr)	85		66 - 120		09/18/14 20:15	1
Toluene-d8 (Surr)	89		74 - 120		09/18/14 20:15	1
Dibromofluoromethane (Surr)	113		75 - 121		09/18/14 20:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-38
Date Collected: 09/09/14 13:20
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/18/14 20:38	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 20:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 20:38	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 20:38	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 20:38	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 20:38	1
Carbon disulfide	**0.86**	**J**	1.0	0.28	ug/L			09/18/14 20:38	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 20:38	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 20:38	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 20:38	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 20:38	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 20:38	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 20:38	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 20:38	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 20:38	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 20:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 20:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 20:38	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 20:38	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 20:38	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 20:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 20:38	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 20:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 20:38	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 20:38	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 20:38	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 20:38	1
Vinyl chloride	**24**		1.0	0.29	ug/L			09/18/14 20:38	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 20:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 20:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 20:38	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 20:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 20:38	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 20:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 20:38	1
cis-1,2-Dichloroethene	**7.1**		1.0	0.20	ug/L			09/18/14 20:38	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.26	ug/L			09/18/14 20:38	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 20:38	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 20:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 20:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 20:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 20:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 20:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 20:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 20:38	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 20:38	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 20:38	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 20:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-38
Date Collected: 09/09/14 13:20
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/18/14 20:38	1
4-Bromofluorobenzene (Surr)	79		66 - 120		09/18/14 20:38	1
Toluene-d8 (Surr)	83		74 - 120		09/18/14 20:38	1
Dibromofluoromethane (Surr)	109		75 - 121		09/18/14 20:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-39
Date Collected: 09/09/14 14:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 15:58	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 15:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 15:58	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 15:58	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 15:58	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 15:58	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 15:58	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 15:58	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 15:58	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 15:58	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 15:58	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 15:58	1
1,1-Dichloroethane	**1.9**		1.0	0.26	ug/L			09/17/14 15:58	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 15:58	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 15:58	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 15:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 15:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 15:58	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 15:58	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 15:58	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 15:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 15:58	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 15:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 15:58	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 15:58	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 15:58	1
Trichloroethene	**4.5**		1.0	0.15	ug/L			09/17/14 15:58	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 15:58	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 15:58	1
1,1,1-Trichloroethane	**10**		1.0	0.22	ug/L			09/17/14 15:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 15:58	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 15:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 15:58	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 15:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 15:58	1
cis-1,2-Dichloroethene	**0.46**	**J**	1.0	0.20	ug/L			09/17/14 15:58	1
trans-1,2-Dichloroethene	**0.31**	**J**	1.0	0.26	ug/L			09/17/14 15:58	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 15:58	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 15:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 15:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 15:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 15:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 15:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 15:58	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 15:58	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 15:58	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 15:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-39
Date Collected: 09/09/14 14:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/17/14 15:58	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/17/14 15:58	1
Toluene-d8 (Surr)	85		74 - 120		09/17/14 15:58	1
Dibromofluoromethane (Surr)	105		75 - 121		09/17/14 15:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-40
Date Collected: 09/09/14 15:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 16:21	1
Benzene	**0.24**	**J**	1.0	0.24	ug/L			09/17/14 16:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 16:21	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 16:21	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 16:21	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 16:21	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 16:21	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 16:21	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 16:21	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 16:21	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 16:21	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 16:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 16:21	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 16:21	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 16:21	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 16:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 16:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 16:21	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 16:21	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 16:21	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 16:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 16:21	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 16:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 16:21	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 16:21	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 16:21	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 16:21	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 16:21	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 16:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 16:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 16:21	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 16:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 16:21	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 16:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 16:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 16:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 16:21	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 16:21	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 16:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 16:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 16:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 16:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 16:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 16:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 16:21	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 16:21	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 16:21	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 16:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-40
Date Collected: 09/09/14 15:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/17/14 16:21	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/17/14 16:21	1
Toluene-d8 (Surr)	82		74 - 120		09/17/14 16:21	1
Dibromofluoromethane (Surr)	105		75 - 121		09/17/14 16:21	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-41
Date Collected: 09/09/14 17:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 16:44	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 16:44	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 16:44	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 16:44	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 16:44	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 16:44	1
Carbon disulfide	**0.62**	**J**	1.0	0.28	ug/L			09/17/14 16:44	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 16:44	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 16:44	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 16:44	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 16:44	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 16:44	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 16:44	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 16:44	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 16:44	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 16:44	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 16:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 16:44	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 16:44	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 16:44	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 16:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 16:44	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 16:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 16:44	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 16:44	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 16:44	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 16:44	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 16:44	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 16:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 16:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 16:44	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 16:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 16:44	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 16:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 16:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 16:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 16:44	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 16:44	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 16:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 16:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 16:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 16:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 16:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 16:44	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 16:44	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 16:44	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 16:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-090914-DN-41
Date Collected: 09/09/14 17:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 129		09/17/14 16:44	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/17/14 16:44	1
Toluene-d8 (Surr)	84		74 - 120		09/17/14 16:44	1
Dibromofluoromethane (Surr)	104		75 - 121		09/17/14 16:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-42
Date Collected: 09/10/14 07:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	130	U	130	46	ug/L			09/17/14 17:06	13.33
Benzene	13	U	13	3.2	ug/L			09/17/14 17:06	13.33
Dichlorobromomethane	13	U	13	2.0	ug/L			09/17/14 17:06	13.33
Bromoform	13	U	13	7.5	ug/L			09/17/14 17:06	13.33
Bromomethane	13	U	13	8.4	ug/L			09/17/14 17:06	13.33
2-Butanone (MEK)	130	U	130	54	ug/L			09/17/14 17:06	13.33
Carbon disulfide	13	U	13	3.7	ug/L			09/17/14 17:06	13.33
Carbon tetrachloride	13	U	13	2.3	ug/L			09/17/14 17:06	13.33
Chlorobenzene	13	U	13	2.5	ug/L			09/17/14 17:06	13.33
Chloroethane	13	U	13	4.4	ug/L			09/17/14 17:06	13.33
Chloroform	13	U	13	2.8	ug/L			09/17/14 17:06	13.33
Chloromethane	13	U	13	5.9	ug/L			09/17/14 17:06	13.33
1,1-Dichloroethane	13	U	13	3.5	ug/L			09/17/14 17:06	13.33
1,2-Dichloroethane	13	U	13	2.7	ug/L			09/17/14 17:06	13.33
1,1-Dichloroethene	13	U	13	6.0	ug/L			09/17/14 17:06	13.33
1,2-Dichloropropane	13	U	13	2.9	ug/L			09/17/14 17:06	13.33
cis-1,3-Dichloropropene	13	U	13	6.1	ug/L			09/17/14 17:06	13.33
trans-1,3-Dichloropropene	13	U	13	7.5	ug/L			09/17/14 17:06	13.33
Ethylbenzene	13	U	13	3.1	ug/L			09/17/14 17:06	13.33
2-Hexanone	130	U	130	52	ug/L			09/17/14 17:06	13.33
Methylene Chloride	13	U	13	3.7	ug/L			09/17/14 17:06	13.33
4-Methyl-2-pentanone (MIBK)	130	U	130	48	ug/L			09/17/14 17:06	13.33
Styrene	13	U	13	6.0	ug/L			09/17/14 17:06	13.33
1,1,2,2-Tetrachloroethane	13	U	13	2.9	ug/L			09/17/14 17:06	13.33
Tetrachloroethene	13	U	13	2.7	ug/L			09/17/14 17:06	13.33
Toluene	13	U	13	2.9	ug/L			09/17/14 17:06	13.33
Trichloroethene	**500**		13	2.0	ug/L			09/17/14 17:06	13.33
Vinyl chloride	**79**		13	3.9	ug/L			09/17/14 17:06	13.33
Xylenes, Total	27	U	27	5.7	ug/L			09/17/14 17:06	13.33
1,1,1-Trichloroethane	13	U	13	2.9	ug/L			09/17/14 17:06	13.33
1,1,2-Trichloroethane	13	U	13	2.3	ug/L			09/17/14 17:06	13.33
Cyclohexane	13	U	13	4.4	ug/L			09/17/14 17:06	13.33
1,2-Dibromo-3-Chloropropane	27	U	27	11	ug/L			09/17/14 17:06	13.33
Ethylene Dibromide	13	U	13	2.5	ug/L			09/17/14 17:06	13.33
Dichlorodifluoromethane	13	U	13	6.7	ug/L			09/17/14 17:06	13.33
cis-1,2-Dichloroethene	**460**		13	2.7	ug/L			09/17/14 17:06	13.33
trans-1,2-Dichloroethene	**180**		13	3.5	ug/L			09/17/14 17:06	13.33
Isopropylbenzene	13	U	13	4.7	ug/L			09/17/14 17:06	13.33
Methyl acetate	130	U	130	30	ug/L			09/17/14 17:06	13.33
Methyl tert-butyl ether	13	U	13	2.1	ug/L			09/17/14 17:06	13.33
1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	4.9	ug/L			09/17/14 17:06	13.33
1,2,4-Trichlorobenzene	13	U	13	4.3	ug/L			09/17/14 17:06	13.33
1,2-Dichlorobenzene	13	U	13	2.3	ug/L			09/17/14 17:06	13.33
1,3-Dichlorobenzene	13	U	13	2.3	ug/L			09/17/14 17:06	13.33
1,4-Dichlorobenzene	13	U	13	2.1	ug/L			09/17/14 17:06	13.33
Trichlorofluoromethane	13	U	13	6.5	ug/L			09/17/14 17:06	13.33
Chlorodibromomethane	13	U	13	5.7	ug/L			09/17/14 17:06	13.33
Methylcyclohexane	13	U	13	3.1	ug/L			09/17/14 17:06	13.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-42
Date Collected: 09/10/14 07:50
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/17/14 17:06	13.33
4-Bromofluorobenzene (Surr)	77		66 - 120		09/17/14 17:06	13.33
Toluene-d8 (Surr)	87		74 - 120		09/17/14 17:06	13.33
Dibromofluoromethane (Surr)	106		75 - 121		09/17/14 17:06	13.33

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-43
Date Collected: 09/10/14 09:25
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 17:29	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 17:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 17:29	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 17:29	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 17:29	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 17:29	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 17:29	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 17:29	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 17:29	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 17:29	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 17:29	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 17:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 17:29	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 17:29	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 17:29	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 17:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 17:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 17:29	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 17:29	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 17:29	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 17:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 17:29	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 17:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 17:29	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 17:29	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 17:29	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 17:29	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 17:29	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 17:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 17:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 17:29	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 17:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 17:29	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 17:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 17:29	1
cis-1,2-Dichloroethene	**3.7**		1.0	0.20	ug/L			09/17/14 17:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 17:29	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 17:29	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 17:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 17:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 17:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 17:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 17:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 17:29	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 17:29	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 17:29	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 17:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-43
Date Collected: 09/10/14 09:25
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		09/17/14 17:29	1
4-Bromofluorobenzene (Surr)	77		66 - 120		09/17/14 17:29	1
Toluene-d8 (Surr)	83		74 - 120		09/17/14 17:29	1
Dibromofluoromethane (Surr)	105		75 - 121		09/17/14 17:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-44
Date Collected: 09/10/14 10:55
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 17:52	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 17:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 17:52	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 17:52	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 17:52	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 17:52	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 17:52	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 17:52	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 17:52	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 17:52	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 17:52	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 17:52	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 17:52	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 17:52	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 17:52	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 17:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 17:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 17:52	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 17:52	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 17:52	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 17:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 17:52	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 17:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 17:52	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 17:52	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 17:52	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 17:52	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 17:52	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 17:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 17:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 17:52	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 17:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 17:52	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 17:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 17:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 17:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 17:52	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 17:52	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 17:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 17:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 17:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 17:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 17:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 17:52	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 17:52	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 17:52	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 17:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-44
Date Collected: 09/10/14 10:55
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129		09/17/14 17:52	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/17/14 17:52	1
Toluene-d8 (Surr)	81		74 - 120		09/17/14 17:52	1
Dibromofluoromethane (Surr)	111		75 - 121		09/17/14 17:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-45
Date Collected: 09/10/14 12:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 18:14	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 18:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 18:14	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 18:14	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 18:14	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 18:14	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 18:14	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 18:14	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 18:14	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 18:14	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 18:14	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 18:14	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 18:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 18:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 18:14	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 18:14	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 18:14	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 18:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 18:14	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 18:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 18:14	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 18:14	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 18:14	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 18:14	1
Vinyl chloride	**1.4**		1.0	0.29	ug/L			09/17/14 18:14	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 18:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 18:14	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 18:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 18:14	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 18:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 18:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 18:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 18:14	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 18:14	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 18:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 18:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 18:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 18:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 18:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 18:14	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 18:14	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 18:14	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 18:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-45
Date Collected: 09/10/14 12:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		09/17/14 18:14	1
4-Bromofluorobenzene (Surr)	76		66 - 120		09/17/14 18:14	1
Toluene-d8 (Surr)	84		74 - 120		09/17/14 18:14	1
Dibromofluoromethane (Surr)	107		75 - 121		09/17/14 18:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-46
Date Collected: 09/10/14 13:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 23:04	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 23:04	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 23:04	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 23:04	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 23:04	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 23:04	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 23:04	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 23:04	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 23:04	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 23:04	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 23:04	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 23:04	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 23:04	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 23:04	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 23:04	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 23:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 23:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 23:04	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 23:04	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 23:04	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 23:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 23:04	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 23:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 23:04	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 23:04	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 23:04	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 23:04	1
Vinyl chloride	**0.40**	**J**	1.0	0.29	ug/L			09/17/14 23:04	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 23:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 23:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 23:04	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 23:04	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 23:04	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 23:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 23:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 23:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 23:04	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 23:04	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 23:04	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 23:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 23:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 23:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 23:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 23:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 23:04	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 23:04	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 23:04	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 23:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-46
Date Collected: 09/10/14 13:10
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/17/14 23:04	1
4-Bromofluorobenzene (Surr)	73		66 - 120		09/17/14 23:04	1
Toluene-d8 (Surr)	81		74 - 120		09/17/14 23:04	1
Dibromofluoromethane (Surr)	108		75 - 121		09/17/14 23:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-47
Date Collected: 09/10/14 15:15
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 18:37	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 18:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 18:37	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 18:37	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 18:37	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 18:37	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 18:37	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 18:37	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 18:37	1
Chloroethane	**0.33**	**J**	1.0	0.33	ug/L			09/17/14 18:37	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 18:37	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 18:37	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 18:37	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 18:37	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 18:37	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 18:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 18:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 18:37	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 18:37	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 18:37	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 18:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 18:37	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 18:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 18:37	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 18:37	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 18:37	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 18:37	1
Vinyl chloride	**3.6**		1.0	0.29	ug/L			09/17/14 18:37	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 18:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 18:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 18:37	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 18:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 18:37	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 18:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 18:37	1
cis-1,2-Dichloroethene	**2.1**		1.0	0.20	ug/L			09/17/14 18:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 18:37	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 18:37	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 18:37	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 18:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 18:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 18:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 18:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 18:37	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 18:37	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 18:37	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 18:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-47
Date Collected: 09/10/14 15:15
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		09/17/14 18:37	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/17/14 18:37	1
Toluene-d8 (Surr)	81		74 - 120		09/17/14 18:37	1
Dibromofluoromethane (Surr)	106		75 - 121		09/17/14 18:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-48
Date Collected: 09/10/14 16:30
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 19:00	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 19:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 19:00	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 19:00	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 19:00	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 19:00	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 19:00	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 19:00	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 19:00	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 19:00	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 19:00	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 19:00	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 19:00	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 19:00	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 19:00	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 19:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 19:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 19:00	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 19:00	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 19:00	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 19:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 19:00	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 19:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 19:00	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 19:00	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 19:00	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 19:00	1
Vinyl chloride	**6.2**		1.0	0.29	ug/L			09/17/14 19:00	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 19:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 19:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 19:00	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 19:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 19:00	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 19:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 19:00	1
cis-1,2-Dichloroethene	**0.83**	**J**	1.0	0.20	ug/L			09/17/14 19:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 19:00	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 19:00	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 19:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 19:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 19:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 19:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 19:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 19:00	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 19:00	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 19:00	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 19:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-48
Date Collected: 09/10/14 16:30
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		63 - 129		09/17/14 19:00	1
4-Bromofluorobenzene (Surr)	75		66 - 120		09/17/14 19:00	1
Toluene-d8 (Surr)	83		74 - 120		09/17/14 19:00	1
Dibromofluoromethane (Surr)	107		75 - 121		09/17/14 19:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-49
Date Collected: 09/10/14 17:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/18/14 13:27	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 13:27	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 13:27	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 13:27	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 13:27	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 13:27	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/18/14 13:27	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 13:27	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 13:27	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 13:27	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 13:27	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 13:27	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 13:27	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 13:27	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 13:27	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 13:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 13:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 13:27	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 13:27	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 13:27	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 13:27	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 13:27	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 13:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 13:27	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 13:27	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 13:27	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 13:27	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/18/14 13:27	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 13:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 13:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 13:27	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 13:27	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 13:27	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 13:27	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 13:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 13:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/18/14 13:27	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 13:27	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 13:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 13:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 13:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 13:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 13:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 13:27	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 13:27	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 13:27	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 13:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091014-DN-49
Date Collected: 09/10/14 17:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		09/18/14 13:27	1
4-Bromofluorobenzene (Surr)	82		66 - 120		09/18/14 13:27	1
Toluene-d8 (Surr)	90		74 - 120		09/18/14 13:27	1
Dibromofluoromethane (Surr)	113		75 - 121		09/18/14 13:27	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-50
Date Collected: 09/11/14 07:55
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	6.8	ug/L			09/18/14 13:50	2
Benzene	2.0	U	2.0	0.48	ug/L			09/18/14 13:50	2
Dichlorobromomethane	2.0	U	2.0	0.30	ug/L			09/18/14 13:50	2
Bromoform	2.0	U	2.0	1.1	ug/L			09/18/14 13:50	2
Bromomethane	2.0	U	2.0	1.3	ug/L			09/18/14 13:50	2
2-Butanone (MEK)	20	U	20	8.2	ug/L			09/18/14 13:50	2
Carbon disulfide	2.0	U	2.0	0.56	ug/L			09/18/14 13:50	2
Carbon tetrachloride	2.0	U	2.0	0.34	ug/L			09/18/14 13:50	2
Chlorobenzene	2.0	U	2.0	0.38	ug/L			09/18/14 13:50	2
Chloroethane	2.0	U	2.0	0.66	ug/L			09/18/14 13:50	2
Chloroform	2.0	U	2.0	0.42	ug/L			09/18/14 13:50	2
Chloromethane	2.0	U	2.0	0.88	ug/L			09/18/14 13:50	2
1,1-Dichloroethane	2.0	U	2.0	0.52	ug/L			09/18/14 13:50	2
1,2-Dichloroethane	2.0	U	2.0	0.40	ug/L			09/18/14 13:50	2
1,1-Dichloroethene	2.0	U	2.0	0.90	ug/L			09/18/14 13:50	2
1,2-Dichloropropane	2.0	U	2.0	0.44	ug/L			09/18/14 13:50	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.92	ug/L			09/18/14 13:50	2
trans-1,3-Dichloropropene	2.0	U	2.0	1.1	ug/L			09/18/14 13:50	2
Ethylbenzene	2.0	U	2.0	0.46	ug/L			09/18/14 13:50	2
2-Hexanone	20	U	20	7.8	ug/L			09/18/14 13:50	2
Methylene Chloride	2.0	U	2.0	0.56	ug/L			09/18/14 13:50	2
4-Methyl-2-pentanone (MIBK)	20	U	20	7.2	ug/L			09/18/14 13:50	2
Styrene	2.0	U	2.0	0.90	ug/L			09/18/14 13:50	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.44	ug/L			09/18/14 13:50	2
Tetrachloroethene	2.0	U	2.0	0.40	ug/L			09/18/14 13:50	2
Toluene	2.0	U	2.0	0.44	ug/L			09/18/14 13:50	2
Trichloroethene	2.0	U	2.0	0.30	ug/L			09/18/14 13:50	2
Vinyl chloride	2.0	U	2.0	0.58	ug/L			09/18/14 13:50	2
Xylenes, Total	4.0	U	4.0	0.86	ug/L			09/18/14 13:50	2
1,1,1-Trichloroethane	2.0	U	2.0	0.44	ug/L			09/18/14 13:50	2
1,1,2-Trichloroethane	2.0	U	2.0	0.34	ug/L			09/18/14 13:50	2
Cyclohexane	2.0	U	2.0	0.66	ug/L			09/18/14 13:50	2
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.6	ug/L			09/18/14 13:50	2
Ethylene Dibromide	2.0	U	2.0	0.38	ug/L			09/18/14 13:50	2
Dichlorodifluoromethane	2.0	U	2.0	1.0	ug/L			09/18/14 13:50	2
cis-1,2-Dichloroethene	**51**		2.0	0.40	ug/L			09/18/14 13:50	2
trans-1,2-Dichloroethene	**3.3**		2.0	0.52	ug/L			09/18/14 13:50	2
Isopropylbenzene	2.0	U	2.0	0.70	ug/L			09/18/14 13:50	2
Methyl acetate	20	U	20	4.5	ug/L			09/18/14 13:50	2
Methyl tert-butyl ether	2.0	U	2.0	0.32	ug/L			09/18/14 13:50	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.74	ug/L			09/18/14 13:50	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.64	ug/L			09/18/14 13:50	2
1,2-Dichlorobenzene	2.0	U	2.0	0.34	ug/L			09/18/14 13:50	2
1,3-Dichlorobenzene	2.0	U	2.0	0.34	ug/L			09/18/14 13:50	2
1,4-Dichlorobenzene	2.0	U	2.0	0.32	ug/L			09/18/14 13:50	2
Trichlorofluoromethane	2.0	U	2.0	0.98	ug/L			09/18/14 13:50	2
Chlorodibromomethane	2.0	U	2.0	0.86	ug/L			09/18/14 13:50	2
Methylcyclohexane	2.0	U	2.0	0.46	ug/L			09/18/14 13:50	2

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-50
Date Collected: 09/11/14 07:55
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-26
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		63 - 129		09/18/14 13:50	2
4-Bromofluorobenzene (Surr)	77		66 - 120		09/18/14 13:50	2
Toluene-d8 (Surr)	84		74 - 120		09/18/14 13:50	2
Dibromofluoromethane (Surr)	101		75 - 121		09/18/14 13:50	2

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-51
Date Collected: 09/11/14 09:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 20:07	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 20:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 20:07	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 20:07	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 20:07	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 20:07	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 20:07	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 20:07	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 20:07	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 20:07	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 20:07	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 20:07	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 20:07	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 20:07	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 20:07	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 20:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 20:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 20:07	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 20:07	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 20:07	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 20:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 20:07	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 20:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 20:07	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 20:07	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 20:07	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 20:07	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 20:07	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 20:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 20:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 20:07	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 20:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 20:07	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 20:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 20:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 20:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 20:07	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 20:07	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 20:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 20:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 20:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 20:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 20:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 20:07	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 20:07	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 20:07	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 20:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-51
Date Collected: 09/11/14 09:35
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-27
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 129		09/17/14 20:07	1
4-Bromofluorobenzene (Surr)	74		66 - 120		09/17/14 20:07	1
Toluene-d8 (Surr)	83		74 - 120		09/17/14 20:07	1
Dibromofluoromethane (Surr)	104		75 - 121		09/17/14 20:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-52
Date Collected: 09/11/14 11:05
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 20:29	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 20:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 20:29	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 20:29	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 20:29	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 20:29	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 20:29	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 20:29	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 20:29	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 20:29	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 20:29	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 20:29	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 20:29	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 20:29	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 20:29	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 20:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 20:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 20:29	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 20:29	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 20:29	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 20:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 20:29	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 20:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 20:29	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 20:29	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 20:29	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 20:29	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 20:29	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 20:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 20:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 20:29	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 20:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 20:29	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 20:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 20:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 20:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 20:29	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 20:29	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 20:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 20:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 20:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 20:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 20:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 20:29	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 20:29	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 20:29	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-52
Date Collected: 09/11/14 11:05
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-28
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		09/17/14 20:29	1
4-Bromofluorobenzene (Surr)	72		66 - 120		09/17/14 20:29	1
Toluene-d8 (Surr)	81		74 - 120		09/17/14 20:29	1
Dibromofluoromethane (Surr)	108		75 - 121		09/17/14 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-53
Date Collected: 09/11/14 12:20
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 20:51	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 20:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 20:51	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 20:51	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 20:51	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 20:51	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 20:51	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 20:51	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 20:51	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 20:51	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 20:51	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 20:51	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 20:51	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 20:51	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 20:51	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 20:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 20:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 20:51	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 20:51	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 20:51	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 20:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 20:51	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 20:51	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 20:51	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 20:51	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 20:51	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 20:51	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 20:51	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 20:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 20:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 20:51	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 20:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 20:51	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 20:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 20:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 20:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 20:51	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 20:51	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 20:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 20:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 20:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 20:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 20:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 20:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 20:51	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 20:51	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 20:51	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 20:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-53
Date Collected: 09/11/14 12:20
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-29
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/17/14 20:51	1
4-Bromofluorobenzene (Surr)	73		66 - 120		09/17/14 20:51	1
Toluene-d8 (Surr)	81		74 - 120		09/17/14 20:51	1
Dibromofluoromethane (Surr)	107		75 - 121		09/17/14 20:51	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-54
Date Collected: 09/11/14 12:55
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 21:14	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 21:14	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 21:14	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 21:14	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 21:14	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 21:14	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 21:14	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 21:14	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 21:14	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 21:14	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 21:14	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 21:14	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 21:14	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 21:14	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 21:14	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 21:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 21:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 21:14	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 21:14	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 21:14	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 21:14	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 21:14	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 21:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 21:14	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 21:14	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 21:14	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 21:14	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 21:14	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 21:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 21:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 21:14	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 21:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 21:14	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 21:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 21:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 21:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 21:14	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 21:14	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 21:14	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 21:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 21:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 21:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 21:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 21:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 21:14	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 21:14	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 21:14	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 21:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-54
Date Collected: 09/11/14 12:55
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-30
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		09/17/14 21:14	1
4-Bromofluorobenzene (Surr)	74		66 - 120		09/17/14 21:14	1
Toluene-d8 (Surr)	83		74 - 120		09/17/14 21:14	1
Dibromofluoromethane (Surr)	110		75 - 121		09/17/14 21:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-55
Date Collected: 09/11/14 14:30
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 21:36	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 21:36	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 21:36	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 21:36	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 21:36	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 21:36	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 21:36	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 21:36	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 21:36	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 21:36	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 21:36	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 21:36	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 21:36	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 21:36	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 21:36	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 21:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 21:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 21:36	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 21:36	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 21:36	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 21:36	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 21:36	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 21:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 21:36	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 21:36	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 21:36	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 21:36	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 21:36	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 21:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 21:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 21:36	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 21:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 21:36	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 21:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 21:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 21:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 21:36	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 21:36	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 21:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 21:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 21:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 21:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 21:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 21:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 21:36	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 21:36	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 21:36	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 21:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-55
Date Collected: 09/11/14 14:30
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-31
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/17/14 21:36	1
4-Bromofluorobenzene (Surr)	72		66 - 120		09/17/14 21:36	1
Toluene-d8 (Surr)	80		74 - 120		09/17/14 21:36	1
Dibromofluoromethane (Surr)	106		75 - 121		09/17/14 21:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-56
Date Collected: 09/11/14 15:40
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 21:58	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 21:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 21:58	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 21:58	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 21:58	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 21:58	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 21:58	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 21:58	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 21:58	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 21:58	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 21:58	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 21:58	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 21:58	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 21:58	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 21:58	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 21:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 21:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 21:58	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 21:58	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 21:58	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 21:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 21:58	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 21:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 21:58	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 21:58	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 21:58	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 21:58	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 21:58	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 21:58	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 21:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 21:58	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 21:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 21:58	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 21:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 21:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 21:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 21:58	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 21:58	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 21:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 21:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 21:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 21:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 21:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 21:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 21:58	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 21:58	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 21:58	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 21:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-56
Date Collected: 09/11/14 15:40
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-32
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/17/14 21:58	1
4-Bromofluorobenzene (Surr)	76		66 - 120		09/17/14 21:58	1
Toluene-d8 (Surr)	83		74 - 120		09/17/14 21:58	1
Dibromofluoromethane (Surr)	108		75 - 121		09/17/14 21:58	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: RB-12616-091114-DN-57
Date Collected: 09/11/14 16:00
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 22:20	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 22:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 22:20	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 22:20	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 22:20	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 22:20	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 22:20	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 22:20	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 22:20	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 22:20	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 22:20	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 22:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 22:20	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 22:20	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 22:20	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 22:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 22:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 22:20	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 22:20	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 22:20	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/17/14 22:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 22:20	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 22:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 22:20	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 22:20	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 22:20	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 22:20	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 22:20	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 22:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 22:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 22:20	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 22:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 22:20	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 22:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 22:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 22:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 22:20	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 22:20	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 22:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 22:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 22:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 22:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 22:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 22:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 22:20	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 22:20	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 22:20	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: RB-12616-091114-DN-57
Date Collected: 09/11/14 16:00
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-33
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		63 - 129		09/17/14 22:20	1
4-Bromofluorobenzene (Surr)	73		66 - 120		09/17/14 22:20	1
Toluene-d8 (Surr)	82		74 - 120		09/17/14 22:20	1
Dibromofluoromethane (Surr)	107		75 - 121		09/17/14 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: TB-12616-002
Date Collected: 09/08/14 00:00
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**8.4**	**J**	10	3.4	ug/L			09/17/14 22:42	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 22:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 22:42	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 22:42	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 22:42	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 22:42	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 22:42	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 22:42	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 22:42	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 22:42	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 22:42	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 22:42	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 22:42	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 22:42	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 22:42	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 22:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 22:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 22:42	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 22:42	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 22:42	1
Methylene Chloride	**0.82**	**J B**	1.0	0.28	ug/L			09/17/14 22:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 22:42	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 22:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 22:42	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 22:42	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 22:42	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 22:42	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 22:42	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 22:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 22:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 22:42	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 22:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 22:42	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 22:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 22:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 22:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 22:42	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 22:42	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 22:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 22:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 22:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 22:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 22:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 22:42	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 22:42	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 22:42	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 22:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: TB-12616-002
Date Collected: 09/08/14 00:00
Date Received: 09/12/14 09:20

Lab Sample ID: 240-41799-34
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 129		09/17/14 22:42	1
4-Bromofluorobenzene (Surr)	73		66 - 120		09/17/14 22:42	1
Toluene-d8 (Surr)	80		74 - 120		09/17/14 22:42	1
Dibromofluoromethane (Surr)	107		75 - 121		09/17/14 22:42	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-120)	(74-120)	(75-121)
240-41799-1	WG-12616-090814-DN-25	103	73	85	102
240-41799-2	WG-12616-090814-DN-26	105	77	85	106
240-41799-3	WG-12616-090814-DN-27	105	77	86	108
240-41799-4	WG-12616-090814-DN-28	102	77	85	103
240-41799-5	WG-12616-090814-DN-29	97	76	85	104
240-41799-6	WG-12616-090814-DN-30	101	75	82	106
240-41799-7	WG-12616-090814-DN-31	104	74	82	107
240-41799-8	WG-12616-090814-DN-32	110	79	87	115
240-41799-9	WG-12616-090914-DN-33	103	77	84	108
240-41799-10	WG-12616-090914-DN-34	100	89	89	104
240-41799-11	WG-12616-090914-DN-35	96	80	86	101
240-41799-12	WG-12616-090914-DN-36	99	80	88	106
240-41799-13	WG-12616-090914-DN-37	105	85	89	113
240-41799-14	WG-12616-090914-DN-38	102	79	83	109
240-41799-15	WG-12616-090914-DN-39	101	75	85	105
240-41799-16	WG-12616-090914-DN-40	102	75	82	105
240-41799-17	WG-12616-090914-DN-41	103	75	84	104
240-41799-18	WG-12616-091014-DN-42	102	77	87	106
240-41799-19	WG-12616-091014-DN-43	105	77	83	105
240-41799-20	WG-12616-091014-DN-44	109	75	81	111
240-41799-21	WG-12616-091014-DN-45	107	76	84	107
240-41799-22	WG-12616-091014-DN-46	104	73	81	108
240-41799-22 MS	WG-12616-091014-DN-46	85	95	92	95
240-41799-22 MSD	WG-12616-091014-DN-46	85	95	93	96
240-41799-23	WG-12616-091014-DN-47	106	75	81	106
240-41799-24	WG-12616-091014-DN-48	107	75	83	107
240-41799-25	WG-12616-091014-DN-49	110	82	90	113
240-41799-26	WG-12616-091114-DN-50	99	77	84	101
240-41799-27	WG-12616-091114-DN-51	101	74	83	104
240-41799-28	WG-12616-091114-DN-52	105	72	81	108
240-41799-29	WG-12616-091114-DN-53	104	73	81	107
240-41799-30	WG-12616-091114-DN-54	106	74	83	110
240-41799-31	WG-12616-091114-DN-55	102	72	80	106
240-41799-32	WG-12616-091114-DN-56	104	76	83	108
240-41799-33	RB-12616-091114-DN-57	104	73	82	107
240-41799-34	TB-12616-002	102	73	80	107
LCS 240-147211/4	Lab Control Sample	97	103	104	101
LCS 240-147429/4	Lab Control Sample	93	99	99	100
LCS 240-147576/4	Lab Control Sample	93	97	100	98
MB 240-147211/6	Method Blank	101	80	86	103
MB 240-147429/6	Method Blank	108	81	89	106
MB 240-147576/6	Method Blank	102	78	85	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-147211/6
Matrix: Water
Analysis Batch: 147211

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/16/14 13:01	1
Benzene	1.0	U	1.0	0.24	ug/L			09/16/14 13:01	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/16/14 13:01	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/16/14 13:01	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/16/14 13:01	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/16/14 13:01	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/16/14 13:01	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/16/14 13:01	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/16/14 13:01	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/16/14 13:01	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/16/14 13:01	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/16/14 13:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/16/14 13:01	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/16/14 13:01	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/16/14 13:01	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/16/14 13:01	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/16/14 13:01	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/16/14 13:01	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/16/14 13:01	1
2-Hexanone	10	U	10	3.9	ug/L			09/16/14 13:01	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/16/14 13:01	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/16/14 13:01	1
Styrene	1.0	U	1.0	0.45	ug/L			09/16/14 13:01	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 13:01	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 13:01	1
Toluene	1.0	U	1.0	0.22	ug/L			09/16/14 13:01	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/16/14 13:01	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/16/14 13:01	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/16/14 13:01	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/16/14 13:01	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/16/14 13:01	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/16/14 13:01	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/16/14 13:01	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/16/14 13:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/16/14 13:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/16/14 13:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/16/14 13:01	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/16/14 13:01	1
Methyl acetate	10	U	10	2.3	ug/L			09/16/14 13:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/16/14 13:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/16/14 13:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/16/14 13:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 13:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/16/14 13:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/16/14 13:01	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/16/14 13:01	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/16/14 13:01	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/16/14 13:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-147211/6
Matrix: Water
Analysis Batch: 147211

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 129*		*09/16/14 13:01*	*1*
4-Bromofluorobenzene (Surr)	*80*		*66 - 120*		*09/16/14 13:01*	*1*
Toluene-d8 (Surr)	*86*		*74 - 120*		*09/16/14 13:01*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 121*		*09/16/14 13:01*	*1*

Lab Sample ID: LCS 240-147211/4
Matrix: Water
Analysis Batch: 147211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.6		ug/L		98	43 - 136
Benzene	10.0	10.4		ug/L		104	80 - 120
Dichlorobromomethane	10.0	9.96		ug/L		100	72 - 121
Bromoform	10.0	10.3		ug/L		103	40 - 131
Bromomethane	10.0	9.35		ug/L		94	11 - 185
2-Butanone (MEK)	20.0	18.7		ug/L		94	60 - 126
Carbon disulfide	10.0	11.3		ug/L		113	62 - 142
Carbon tetrachloride	10.0	10.7		ug/L		107	66 - 128
Chlorobenzene	10.0	10.1		ug/L		101	80 - 120
Chloroethane	10.0	9.55		ug/L		96	25 - 153
Chloroform	10.0	9.91		ug/L		99	79 - 120
Chloromethane	10.0	10.5		ug/L		105	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	80 - 120
1,2-Dichloroethane	10.0	10.6		ug/L		106	71 - 127
1,1-Dichloroethene	10.0	10.4		ug/L		104	78 - 131
1,2-Dichloropropane	10.0	10.0		ug/L		100	80 - 120
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	61 - 120
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	58 - 120
Ethylbenzene	10.0	10.3		ug/L		103	80 - 120
2-Hexanone	20.0	19.1		ug/L		96	55 - 133
Methylene Chloride	10.0	10.4		ug/L		104	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.0		ug/L		95	63 - 128
Styrene	10.0	11.3		ug/L		113	79 - 120
1,1,2,2-Tetrachloroethane	10.0	9.58		ug/L		96	68 - 120
Tetrachloroethene	10.0	10.7		ug/L		107	79 - 120
Toluene	10.0	10.3		ug/L		103	80 - 120
Trichloroethene	10.0	10.1		ug/L		101	76 - 120
Vinyl chloride	10.0	10.0		ug/L		100	53 - 127
Xylenes, Total	20.0	21.1		ug/L		106	80 - 120
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	74 - 120
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	80 - 120
Cyclohexane	10.0	11.2		ug/L		112	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.68		ug/L		87	42 - 136
Ethylene Dibromide	10.0	9.69		ug/L		97	79 - 120
Dichlorodifluoromethane	10.0	9.73		ug/L		97	19 - 129
cis-1,2-Dichloroethene	10.0	9.89		ug/L		99	80 - 120
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 120
Isopropylbenzene	10.0	10.6		ug/L		106	75 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-147211/4
Matrix: Water
Analysis Batch: 147211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	48.6		ug/L		97	58 - 131
Methyl tert-butyl ether	10.0	9.75		ug/L		98	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.8		ug/L		108	74 - 151
1,2,4-Trichlorobenzene	10.0	9.61		ug/L		96	48 - 135
1,2-Dichlorobenzene	10.0	9.65		ug/L		97	80 - 120
1,3-Dichlorobenzene	10.0	9.51		ug/L		95	80 - 120
1,4-Dichlorobenzene	10.0	9.86		ug/L		99	80 - 120
Trichlorofluoromethane	10.0	10.5		ug/L		105	49 - 157
Chlorodibromomethane	10.0	9.94		ug/L		99	64 - 120
Methylcyclohexane	10.0	11.2		ug/L		112	56 - 127
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	80 - 120
o-Xylene	10.0	10.6		ug/L		106	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*
4-Bromofluorobenzene (Surr)	*103*		*66 - 120*
Toluene-d8 (Surr)	*104*		*74 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 121*

Lab Sample ID: MB 240-147429/6
Matrix: Water
Analysis Batch: 147429

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/17/14 15:28	1
Benzene	1.0	U	1.0	0.24	ug/L			09/17/14 15:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/17/14 15:28	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/17/14 15:28	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/17/14 15:28	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/17/14 15:28	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/17/14 15:28	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/17/14 15:28	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/17/14 15:28	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/17/14 15:28	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/17/14 15:28	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/17/14 15:28	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/17/14 15:28	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/17/14 15:28	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/17/14 15:28	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/17/14 15:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/17/14 15:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/17/14 15:28	1
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/17/14 15:28	1
2-Hexanone	10	U	10	3.9	ug/L			09/17/14 15:28	1
Methylene Chloride	0.447	J	1.0	0.28	ug/L			09/17/14 15:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/17/14 15:28	1
Styrene	1.0	U	1.0	0.45	ug/L			09/17/14 15:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-147429/6
Matrix: Water
Analysis Batch: 147429

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 15:28	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 15:28	1
Toluene	1.0	U	1.0	0.22	ug/L			09/17/14 15:28	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/17/14 15:28	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/17/14 15:28	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/17/14 15:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/17/14 15:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/17/14 15:28	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/17/14 15:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/17/14 15:28	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/17/14 15:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/17/14 15:28	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/17/14 15:28	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/17/14 15:28	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/17/14 15:28	1
Methyl acetate	10	U	10	2.3	ug/L			09/17/14 15:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/17/14 15:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/17/14 15:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/17/14 15:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 15:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/17/14 15:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/17/14 15:28	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/17/14 15:28	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/17/14 15:28	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/17/14 15:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 129*		*09/17/14 15:28*	*1*
4-Bromofluorobenzene (Surr)	*81*		*66 - 120*		*09/17/14 15:28*	*1*
Toluene-d8 (Surr)	*89*		*74 - 120*		*09/17/14 15:28*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 121*		*09/17/14 15:28*	*1*

Lab Sample ID: LCS 240-147429/4
Matrix: Water
Analysis Batch: 147429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.1		ug/L		90	43 - 136
Benzene	10.0	10.9		ug/L		109	80 - 120
Dichlorobromomethane	10.0	10.5		ug/L		105	72 - 121
Bromoform	10.0	9.98		ug/L		100	40 - 131
Bromomethane	10.0	8.24		ug/L		82	11 - 185
2-Butanone (MEK)	20.0	17.8		ug/L		89	60 - 126
Carbon disulfide	10.0	12.0		ug/L		120	62 - 142
Carbon tetrachloride	10.0	10.4		ug/L		104	66 - 128
Chlorobenzene	10.0	10.7		ug/L		107	80 - 120
Chloroethane	10.0	9.10		ug/L		91	25 - 153
Chloroform	10.0	10.6		ug/L		106	79 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-147429/4
Matrix: Water
Analysis Batch: 147429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	11.5		ug/L		115	44 - 126
1,1-Dichloroethane	10.0	10.9		ug/L		109	80 - 120
1,2-Dichloroethane	10.0	10.8		ug/L		108	71 - 127
1,1-Dichloroethene	10.0	10.0		ug/L		100	78 - 131
1,2-Dichloropropane	10.0	10.7		ug/L		107	80 - 120
cis-1,3-Dichloropropene	10.0	11.0		ug/L		110	61 - 120
trans-1,3-Dichloropropene	10.0	10.6		ug/L		106	58 - 120
Ethylbenzene	10.0	10.8		ug/L		108	80 - 120
2-Hexanone	20.0	19.5		ug/L		97	55 - 133
Methylene Chloride	10.0	11.9		ug/L		119	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.4		ug/L		97	63 - 128
Styrene	10.0	11.8		ug/L		118	79 - 120
1,1,2,2-Tetrachloroethane	10.0	9.74		ug/L		97	68 - 120
Tetrachloroethene	10.0	10.8		ug/L		108	79 - 120
Toluene	10.0	11.0		ug/L		110	80 - 120
Trichloroethene	10.0	10.1		ug/L		101	76 - 120
Vinyl chloride	10.0	10.1		ug/L		101	53 - 127
Xylenes, Total	20.0	22.4		ug/L		112	80 - 120
1,1,1-Trichloroethane	10.0	11.0		ug/L		110	74 - 120
1,1,2-Trichloroethane	10.0	10.4		ug/L		104	80 - 120
Cyclohexane	10.0	10.0		ug/L		100	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.97		ug/L		90	42 - 136
Ethylene Dibromide	10.0	10.4		ug/L		104	79 - 120
Dichlorodifluoromethane	10.0	7.89		ug/L		79	19 - 129
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	80 - 120
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	80 - 120
Isopropylbenzene	10.0	11.1		ug/L		111	75 - 120
Methyl acetate	50.0	49.5		ug/L		99	58 - 131
Methyl tert-butyl ether	10.0	10.0		ug/L		100	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.30		ug/L		93	74 - 151
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	48 - 135
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	80 - 120
1,3-Dichlorobenzene	10.0	10.2		ug/L		102	80 - 120
1,4-Dichlorobenzene	10.0	10.6		ug/L		106	80 - 120
Trichlorofluoromethane	10.0	8.83		ug/L		88	49 - 157
Chlorodibromomethane	10.0	10.6		ug/L		106	64 - 120
Methylcyclohexane	10.0	9.47		ug/L		95	56 - 127
m-Xylene & p-Xylene	10.0	11.1		ug/L		111	80 - 120
o-Xylene	10.0	11.3		ug/L		113	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*
4-Bromofluorobenzene (Surr)	*99*		*66 - 120*
Toluene-d8 (Surr)	*99*		*74 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41799-22 MS
Matrix: Water
Analysis Batch: 147429

Client Sample ID: WG-12616-091014-DN-46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	14.9		ug/L		74	33 - 145
Benzene	1.0	U	10.0	9.18		ug/L		92	72 - 121
Dichlorobromomethane	1.0	U	10.0	9.36		ug/L		94	67 - 120
Bromoform	1.0	U	10.0	8.90		ug/L		89	32 - 128
Bromomethane	1.0	U	10.0	8.96		ug/L		90	10 - 186
2-Butanone (MEK)	10	U	20.0	14.2		ug/L		71	54 - 129
Carbon disulfide	1.0	U	10.0	9.51		ug/L		95	57 - 147
Carbon tetrachloride	1.0	U	10.0	8.04		ug/L		80	59 - 129
Chlorobenzene	1.0	U	10.0	8.52		ug/L		85	80 - 120
Chloroethane	1.0	U	10.0	9.33		ug/L		93	21 - 165
Chloroform	1.0	U	10.0	9.50		ug/L		95	76 - 120
Chloromethane	1.0	U	10.0	10.5		ug/L		105	33 - 132
1,1-Dichloroethane	1.0	U	10.0	9.79		ug/L		98	79 - 120
1,2-Dichloroethane	1.0	U	10.0	9.87		ug/L		99	68 - 129
1,1-Dichloroethene	1.0	U	10.0	8.17		ug/L		82	74 - 135
1,2-Dichloropropane	1.0	U	10.0	9.39		ug/L		94	78 - 120
cis-1,3-Dichloropropene	1.0	U	10.0	8.13		ug/L		81	51 - 120
trans-1,3-Dichloropropene	1.0	U	10.0	8.36		ug/L		84	46 - 120
Ethylbenzene	1.0	U	10.0	7.95		ug/L		79	75 - 120
2-Hexanone	10	U	20.0	15.6		ug/L		78	47 - 139
Methylene Chloride	1.0	U	10.0	9.65		ug/L		96	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	14.8		ug/L		74	56 - 131
Styrene	1.0	U	10.0	9.27		ug/L		93	71 - 120
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.17		ug/L		82	63 - 122
Tetrachloroethene	1.0	U	10.0	7.30		ug/L		73	70 - 120
Toluene	1.0	U	10.0	8.59		ug/L		86	78 - 120
Trichloroethene	1.0	U	10.0	8.09		ug/L		81	66 - 120
Vinyl chloride	0.40	J	10.0	9.46		ug/L		91	49 - 130
Xylenes, Total	2.0	U	20.0	16.6		ug/L		83	76 - 120
1,1,1-Trichloroethane	1.0	U	10.0	9.09		ug/L		91	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	9.20		ug/L		92	75 - 120
Cyclohexane	1.0	U	10.0	5.84		ug/L		58	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.48		ug/L		75	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.68		ug/L		87	74 - 120
Dichlorodifluoromethane	1.0	U	10.0	5.82		ug/L		58	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.16		ug/L		92	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	8.95		ug/L		90	80 - 120
Isopropylbenzene	1.0	U	10.0	7.45		ug/L		75	68 - 120
Methyl acetate	10	U	50.0	38.0		ug/L		76	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	8.57		ug/L		86	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	6.10	F1	ug/L		61	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.29		ug/L		73	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	7.96		ug/L		80	75 - 120
1,3-Dichlorobenzene	1.0	U	10.0	7.75		ug/L		77	73 - 120
1,4-Dichlorobenzene	1.0	U	10.0	8.02		ug/L		80	75 - 120
Trichlorofluoromethane	1.0	U	10.0	6.71		ug/L		67	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.13		ug/L		91	56 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41799-22 MS
Matrix: Water
Analysis Batch: 147429

Client Sample ID: WG-12616-091014-DN-46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylcyclohexane	1.0	U	10.0	5.10		ug/L		51	49 - 127
m-Xylene & p-Xylene	2.0		10.0	8.01		ug/L		80	75 - 120
o-Xylene	1.0		10.0	8.55		ug/L		86	76 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*
4-Bromofluorobenzene (Surr)	*95*		*66 - 120*
Toluene-d8 (Surr)	*92*		*74 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

Lab Sample ID: 240-41799-22 MSD
Matrix: Water
Analysis Batch: 147429

Client Sample ID: WG-12616-091014-DN-46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	14.5		ug/L		72	33 - 145	3	30
Benzene	1.0	U	10.0	9.38		ug/L		94	72 - 121	2	30
Dichlorobromomethane	1.0	U	10.0	9.30		ug/L		93	67 - 120	1	30
Bromoform	1.0	U	10.0	8.59		ug/L		86	32 - 128	4	30
Bromomethane	1.0	U	10.0	8.07		ug/L		81	10 - 186	10	30
2-Butanone (MEK)	10	U	20.0	14.3		ug/L		71	54 - 129	0	30
Carbon disulfide	1.0	U	10.0	9.87		ug/L		99	57 - 147	4	30
Carbon tetrachloride	1.0	U	10.0	7.96		ug/L		80	59 - 129	1	30
Chlorobenzene	1.0	U	10.0	8.36		ug/L		84	80 - 120	2	30
Chloroethane	1.0	U	10.0	8.77		ug/L		88	21 - 165	6	30
Chloroform	1.0	U	10.0	9.73		ug/L		97	76 - 120	2	30
Chloromethane	1.0	U	10.0	10.2		ug/L		102	33 - 132	3	30
1,1-Dichloroethane	1.0	U	10.0	10.1		ug/L		101	79 - 120	3	30
1,2-Dichloroethane	1.0	U	10.0	9.77		ug/L		98	68 - 129	1	30
1,1-Dichloroethene	1.0	U	10.0	8.44		ug/L		84	74 - 135	3	30
1,2-Dichloropropane	1.0	U	10.0	9.42		ug/L		94	78 - 120	0	30
cis-1,3-Dichloropropene	1.0	U	10.0	8.20		ug/L		82	51 - 120	1	30
trans-1,3-Dichloropropene	1.0	U	10.0	8.19		ug/L		82	46 - 120	2	30
Ethylbenzene	1.0	U	10.0	7.76		ug/L		78	75 - 120	2	30
2-Hexanone	10	U	20.0	14.7		ug/L		74	47 - 139	6	30
Methylene Chloride	1.0	U	10.0	10.0		ug/L		100	63 - 128	4	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	15.1		ug/L		76	56 - 131	2	30
Styrene	1.0	U	10.0	9.04		ug/L		90	71 - 120	3	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.04		ug/L		80	63 - 122	2	30
Tetrachloroethene	1.0	U	10.0	7.06		ug/L		71	70 - 120	3	30
Toluene	1.0	U	10.0	8.64		ug/L		86	78 - 120	1	30
Trichloroethene	1.0	U	10.0	8.20		ug/L		82	66 - 120	1	30
Vinyl chloride	0.40	J	10.0	9.50		ug/L		91	49 - 130	0	30
Xylenes, Total	2.0	U	20.0	16.4		ug/L		82	76 - 120	1	30
1,1,1-Trichloroethane	1.0	U	10.0	9.56		ug/L		96	68 - 121	5	30
1,1,2-Trichloroethane	1.0	U	10.0	8.94		ug/L		89	75 - 120	3	30
Cyclohexane	1.0	U	10.0	5.99		ug/L		60	49 - 123	3	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	6.76		ug/L		68	32 - 139	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-41799-22 MSD
Matrix: Water
Analysis Batch: 147429

Client Sample ID: WG-12616-091014-DN-46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Dibromide	1.0	U	10.0	8.66		ug/L		87	74 - 120	0	30
Dichlorodifluoromethane	1.0	U	10.0	6.07		ug/L		61	17 - 128	4	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.57		ug/L		96	70 - 120	4	30
trans-1,2-Dichloroethene	1.0	U	10.0	9.16		ug/L		92	80 - 120	2	30
Isopropylbenzene	1.0	U	10.0	7.24		ug/L		72	68 - 120	3	30
Methyl acetate	10	U	50.0	37.9		ug/L		76	47 - 130	0	30
Methyl tert-butyl ether	1.0	U	10.0	8.59		ug/L		86	46 - 144	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	6.32	F1	ug/L		63	70 - 152	4	30
1,2,4-Trichlorobenzene	1.0	U	10.0	7.47		ug/L		75	38 - 138	2	30
1,2-Dichlorobenzene	1.0	U	10.0	7.95		ug/L		80	75 - 120	0	30
1,3-Dichlorobenzene	1.0	U	10.0	7.52		ug/L		75	73 - 120	3	30
1,4-Dichlorobenzene	1.0	U	10.0	7.95		ug/L		79	75 - 120	1	30
Trichlorofluoromethane	1.0	U	10.0	6.67		ug/L		67	46 - 157	1	30
Chlorodibromomethane	1.0	U	10.0	9.11		ug/L		91	56 - 120	0	30
Methylcyclohexane	1.0	U	10.0	5.07		ug/L		51	49 - 127	1	30
m-Xylene & p-Xylene	2.0		10.0	7.93		ug/L		79	75 - 120	1	30
o-Xylene	1.0		10.0	8.49		ug/L		85	76 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*63 - 129*
4-Bromofluorobenzene (Surr)	*95*		*66 - 120*
Toluene-d8 (Surr)	*93*		*74 - 120*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Lab Sample ID: MB 240-147576/6
Matrix: Water
Analysis Batch: 147576

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	3.4	ug/L			09/18/14 13:04	1
Benzene	1.0	U	1.0	0.24	ug/L			09/18/14 13:04	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			09/18/14 13:04	1
Bromoform	1.0	U	1.0	0.56	ug/L			09/18/14 13:04	1
Bromomethane	1.0	U	1.0	0.63	ug/L			09/18/14 13:04	1
2-Butanone (MEK)	10	U	10	4.1	ug/L			09/18/14 13:04	1
Carbon disulfide	1.0	U	1.0	0.28	ug/L			09/18/14 13:04	1
Carbon tetrachloride	1.0	U	1.0	0.17	ug/L			09/18/14 13:04	1
Chlorobenzene	1.0	U	1.0	0.19	ug/L			09/18/14 13:04	1
Chloroethane	1.0	U	1.0	0.33	ug/L			09/18/14 13:04	1
Chloroform	1.0	U	1.0	0.21	ug/L			09/18/14 13:04	1
Chloromethane	1.0	U	1.0	0.44	ug/L			09/18/14 13:04	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			09/18/14 13:04	1
1,2-Dichloroethane	1.0	U	1.0	0.20	ug/L			09/18/14 13:04	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			09/18/14 13:04	1
1,2-Dichloropropane	1.0	U	1.0	0.22	ug/L			09/18/14 13:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			09/18/14 13:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			09/18/14 13:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-147576/6
Matrix: Water
Analysis Batch: 147576

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.0	U	1.0	0.23	ug/L			09/18/14 13:04	1
2-Hexanone	10	U	10	3.9	ug/L			09/18/14 13:04	1
Methylene Chloride	1.0	U	1.0	0.28	ug/L			09/18/14 13:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	3.6	ug/L			09/18/14 13:04	1
Styrene	1.0	U	1.0	0.45	ug/L			09/18/14 13:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 13:04	1
Tetrachloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 13:04	1
Toluene	1.0	U	1.0	0.22	ug/L			09/18/14 13:04	1
Trichloroethene	1.0	U	1.0	0.15	ug/L			09/18/14 13:04	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			09/18/14 13:04	1
Xylenes, Total	2.0	U	2.0	0.43	ug/L			09/18/14 13:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			09/18/14 13:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.17	ug/L			09/18/14 13:04	1
Cyclohexane	1.0	U	1.0	0.33	ug/L			09/18/14 13:04	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			09/18/14 13:04	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			09/18/14 13:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.50	ug/L			09/18/14 13:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.20	ug/L			09/18/14 13:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			09/18/14 13:04	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			09/18/14 13:04	1
Methyl acetate	10	U	10	2.3	ug/L			09/18/14 13:04	1
Methyl tert-butyl ether	1.0	U	1.0	0.16	ug/L			09/18/14 13:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.37	ug/L			09/18/14 13:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			09/18/14 13:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 13:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.17	ug/L			09/18/14 13:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.16	ug/L			09/18/14 13:04	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			09/18/14 13:04	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			09/18/14 13:04	1
Methylcyclohexane	1.0	U	1.0	0.23	ug/L			09/18/14 13:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 129*		*09/18/14 13:04*	*1*
4-Bromofluorobenzene (Surr)	*78*		*66 - 120*		*09/18/14 13:04*	*1*
Toluene-d8 (Surr)	*85*		*74 - 120*		*09/18/14 13:04*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 121*		*09/18/14 13:04*	*1*

Lab Sample ID: LCS 240-147576/4
Matrix: Water
Analysis Batch: 147576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.1		ug/L		90	43 - 136
Benzene	10.0	10.0		ug/L		100	80 - 120
Dichlorobromomethane	10.0	9.56		ug/L		96	72 - 121
Bromoform	10.0	8.87		ug/L		89	40 - 131
Bromomethane	10.0	8.54		ug/L		85	11 - 185
2-Butanone (MEK)	20.0	16.7		ug/L		83	60 - 126

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-147576/4
Matrix: Water
Analysis Batch: 147576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	10.0	10.8		ug/L		108	62 - 142
Carbon tetrachloride	10.0	9.69		ug/L		97	66 - 128
Chlorobenzene	10.0	9.84		ug/L		98	80 - 120
Chloroethane	10.0	9.34		ug/L		93	25 - 153
Chloroform	10.0	9.53		ug/L		95	79 - 120
Chloromethane	10.0	10.9		ug/L		109	44 - 126
1,1-Dichloroethane	10.0	9.84		ug/L		98	80 - 120
1,2-Dichloroethane	10.0	9.83		ug/L		98	71 - 127
1,1-Dichloroethene	10.0	9.16		ug/L		92	78 - 131
1,2-Dichloropropane	10.0	9.84		ug/L		98	80 - 120
cis-1,3-Dichloropropene	10.0	9.99		ug/L		100	61 - 120
trans-1,3-Dichloropropene	10.0	9.40		ug/L		94	58 - 120
Ethylbenzene	10.0	9.76		ug/L		98	80 - 120
2-Hexanone	20.0	17.4		ug/L		87	55 - 133
Methylene Chloride	10.0	9.89		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	17.1		ug/L		86	63 - 128
Styrene	10.0	10.7		ug/L		107	79 - 120
1,1,2,2-Tetrachloroethane	10.0	8.69		ug/L		87	68 - 120
Tetrachloroethene	10.0	9.81		ug/L		98	79 - 120
Toluene	10.0	9.82		ug/L		98	80 - 120
Trichloroethene	10.0	9.45		ug/L		95	76 - 120
Vinyl chloride	10.0	9.72		ug/L		97	53 - 127
Xylenes, Total	20.0	20.4		ug/L		102	80 - 120
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	74 - 120
1,1,2-Trichloroethane	10.0	9.39		ug/L		94	80 - 120
Cyclohexane	10.0	8.89		ug/L		89	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.95		ug/L		80	42 - 136
Ethylene Dibromide	10.0	9.05		ug/L		90	79 - 120
Dichlorodifluoromethane	10.0	7.57		ug/L		76	19 - 129
cis-1,2-Dichloroethene	10.0	9.71		ug/L		97	80 - 120
trans-1,2-Dichloroethene	10.0	9.68		ug/L		97	80 - 120
Isopropylbenzene	10.0	9.99		ug/L		100	75 - 120
Methyl acetate	50.0	44.0		ug/L		88	58 - 131
Methyl tert-butyl ether	10.0	8.92		ug/L		89	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.21		ug/L		82	74 - 151
1,2,4-Trichlorobenzene	10.0	8.84		ug/L		88	48 - 135
1,2-Dichlorobenzene	10.0	9.24		ug/L		92	80 - 120
1,3-Dichlorobenzene	10.0	9.19		ug/L		92	80 - 120
1,4-Dichlorobenzene	10.0	9.55		ug/L		95	80 - 120
Trichlorofluoromethane	10.0	8.96		ug/L		90	49 - 157
Chlorodibromomethane	10.0	9.41		ug/L		94	64 - 120
Methylcyclohexane	10.0	8.40		ug/L		84	56 - 127
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	80 - 120
o-Xylene	10.0	10.3		ug/L		103	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-147576/4
Matrix: Water
Analysis Batch: 147576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		66 - 120
Toluene-d8 (Surr)	100		74 - 120
Dibromofluoromethane (Surr)	98		75 - 121

GC/MS VOA

Analysis Batch: 147211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41799-1	WG-12616-090814-DN-25	Total/NA	Water	8260B	
240-41799-2	WG-12616-090814-DN-26	Total/NA	Water	8260B	
240-41799-3	WG-12616-090814-DN-27	Total/NA	Water	8260B	
LCS 240-147211/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-147211/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 147429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41799-15	WG-12616-090914-DN-39	Total/NA	Water	8260B	
240-41799-16	WG-12616-090914-DN-40	Total/NA	Water	8260B	
240-41799-17	WG-12616-090914-DN-41	Total/NA	Water	8260B	
240-41799-18	WG-12616-091014-DN-42	Total/NA	Water	8260B	
240-41799-19	WG-12616-091014-DN-43	Total/NA	Water	8260B	
240-41799-20	WG-12616-091014-DN-44	Total/NA	Water	8260B	
240-41799-21	WG-12616-091014-DN-45	Total/NA	Water	8260B	
240-41799-22	WG-12616-091014-DN-46	Total/NA	Water	8260B	
240-41799-22 MS	WG-12616-091014-DN-46	Total/NA	Water	8260B	
240-41799-22 MSD	WG-12616-091014-DN-46	Total/NA	Water	8260B	
240-41799-23	WG-12616-091014-DN-47	Total/NA	Water	8260B	
240-41799-24	WG-12616-091014-DN-48	Total/NA	Water	8260B	
240-41799-27	WG-12616-091114-DN-51	Total/NA	Water	8260B	
240-41799-28	WG-12616-091114-DN-52	Total/NA	Water	8260B	
240-41799-29	WG-12616-091114-DN-53	Total/NA	Water	8260B	
240-41799-30	WG-12616-091114-DN-54	Total/NA	Water	8260B	
240-41799-31	WG-12616-091114-DN-55	Total/NA	Water	8260B	
240-41799-32	WG-12616-091114-DN-56	Total/NA	Water	8260B	
240-41799-33	RB-12616-091114-DN-57	Total/NA	Water	8260B	
240-41799-34	TB-12616-002	Total/NA	Water	8260B	
LCS 240-147429/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-147429/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 147576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-41799-4	WG-12616-090814-DN-28	Total/NA	Water	8260B	
240-41799-5	WG-12616-090814-DN-29	Total/NA	Water	8260B	
240-41799-6	WG-12616-090814-DN-30	Total/NA	Water	8260B	
240-41799-7	WG-12616-090814-DN-31	Total/NA	Water	8260B	
240-41799-8	WG-12616-090814-DN-32	Total/NA	Water	8260B	
240-41799-9	WG-12616-090914-DN-33	Total/NA	Water	8260B	
240-41799-10	WG-12616-090914-DN-34	Total/NA	Water	8260B	
240-41799-11	WG-12616-090914-DN-35	Total/NA	Water	8260B	
240-41799-12	WG-12616-090914-DN-36	Total/NA	Water	8260B	
240-41799-13	WG-12616-090914-DN-37	Total/NA	Water	8260B	
240-41799-14	WG-12616-090914-DN-38	Total/NA	Water	8260B	
240-41799-25	WG-12616-091014-DN-49	Total/NA	Water	8260B	
240-41799-26	WG-12616-091114-DN-50	Total/NA	Water	8260B	
LCS 240-147576/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-147576/6	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-090814-DN-25

Lab Sample ID: 240-41799-1

Date Collected: 09/08/14 07:50

Matrix: Water

Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147211	09/16/14 20:55	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-26

Lab Sample ID: 240-41799-2

Date Collected: 09/08/14 08:50

Matrix: Water

Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147211	09/16/14 21:17	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-27

Lab Sample ID: 240-41799-3

Date Collected: 09/08/14 09:50

Matrix: Water

Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147211	09/16/14 21:39	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-28

Lab Sample ID: 240-41799-4

Date Collected: 09/08/14 11:05

Matrix: Water

Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		33.33	147576	09/18/14 16:51	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-29

Lab Sample ID: 240-41799-5

Date Collected: 09/08/14 12:10

Matrix: Water

Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	147576	09/18/14 17:14	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-30

Lab Sample ID: 240-41799-6

Date Collected: 09/08/14 13:25

Matrix: Water

Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 17:37	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-31 — **Lab Sample ID: 240-41799-7**
Date Collected: 09/08/14 14:35 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		12.5	147576	09/18/14 17:59	LRW	TAL CAN

Client Sample ID: WG-12616-090814-DN-32 — **Lab Sample ID: 240-41799-8**
Date Collected: 09/08/14 16:10 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 18:22	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-33 — **Lab Sample ID: 240-41799-9**
Date Collected: 09/09/14 08:25 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 18:45	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-34 — **Lab Sample ID: 240-41799-10**
Date Collected: 09/09/14 09:45 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 19:07	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-35 — **Lab Sample ID: 240-41799-11**
Date Collected: 09/09/14 10:40 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 19:30	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-36 — **Lab Sample ID: 240-41799-12**
Date Collected: 09/09/14 11:05 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 19:53	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-37 — **Lab Sample ID: 240-41799-13**
Date Collected: 09/09/14 12:00 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 20:15	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-38 — **Lab Sample ID: 240-41799-14**
Date Collected: 09/09/14 13:20 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 20:38	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-39 — **Lab Sample ID: 240-41799-15**
Date Collected: 09/09/14 14:35 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 15:58	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-40 — **Lab Sample ID: 240-41799-16**
Date Collected: 09/09/14 15:50 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 16:21	LRW	TAL CAN

Client Sample ID: WG-12616-090914-DN-41 — **Lab Sample ID: 240-41799-17**
Date Collected: 09/09/14 17:10 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 16:44	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-42 — **Lab Sample ID: 240-41799-18**
Date Collected: 09/10/14 07:50 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		13.33	147429	09/17/14 17:06	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-43 — **Lab Sample ID: 240-41799-19**
Date Collected: 09/10/14 09:25 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 17:29	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-44 — **Lab Sample ID: 240-41799-20**
Date Collected: 09/10/14 10:55 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 17:52	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-45 — **Lab Sample ID: 240-41799-21**
Date Collected: 09/10/14 12:10 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 18:14	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-46 — **Lab Sample ID: 240-41799-22**
Date Collected: 09/10/14 13:10 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 23:04	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-47 — **Lab Sample ID: 240-41799-23**
Date Collected: 09/10/14 15:15 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 18:37	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-48 — **Lab Sample ID: 240-41799-24**
Date Collected: 09/10/14 16:30 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 19:00	LRW	TAL CAN

Client Sample ID: WG-12616-091014-DN-49 — **Lab Sample ID: 240-41799-25**
Date Collected: 09/10/14 17:35 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147576	09/18/14 13:27	LRW	TAL CAN

Client Sample ID: WG-12616-091114-DN-50 — **Lab Sample ID: 240-41799-26**
Date Collected: 09/11/14 07:55 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	147576	09/18/14 13:50	LRW	TAL CAN

Client Sample ID: WG-12616-091114-DN-51 — **Lab Sample ID: 240-41799-27**
Date Collected: 09/11/14 09:35 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 20:07	LRW	TAL CAN

Client Sample ID: WG-12616-091114-DN-52 — **Lab Sample ID: 240-41799-28**
Date Collected: 09/11/14 11:05 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 20:29	LRW	TAL CAN

Client Sample ID: WG-12616-091114-DN-53 — **Lab Sample ID: 240-41799-29**
Date Collected: 09/11/14 12:20 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 20:51	LRW	TAL CAN

Client Sample ID: WG-12616-091114-DN-54 — **Lab Sample ID: 240-41799-30**
Date Collected: 09/11/14 12:55 — **Matrix: Water**
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 21:14	LRW	TAL CAN

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Client Sample ID: WG-12616-091114-DN-55

Lab Sample ID: 240-41799-31

Date Collected: 09/11/14 14:30
Matrix: Water
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 21:36	LRW	TAL CAN

Client Sample ID: WG-12616-091114-DN-56

Lab Sample ID: 240-41799-32

Date Collected: 09/11/14 15:40
Matrix: Water
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 21:58	LRW	TAL CAN

Client Sample ID: RB-12616-091114-DN-57

Lab Sample ID: 240-41799-33

Date Collected: 09/11/14 16:00
Matrix: Water
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 22:20	LRW	TAL CAN

Client Sample ID: TB-12616-002

Lab Sample ID: 240-41799-34

Date Collected: 09/08/14 00:00
Matrix: Water
Date Received: 09/12/14 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	147429	09/17/14 22:42	LRW	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02-006, OVAP Racer Elyria

TestAmerica Job ID: 240-41799-1

Laboratory: TestAmerica Canton

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Ohio VAP	State Program	5	CL0024	10-31-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260B		Water	Cyclohexane
8260B		Water	Methyl acetate
8260B		Water	Methylcyclohexane

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY
AND
RECEIVING DOCUMENTS

TestAmerica Canton
4101 Shuffel Street, N. E.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

Chain of Custody Record

5.6

047199

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: AL	Site Contact: DN	Date: 9-11-14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: DM	Carrier: FedEx	1 of 3 COCs
Address:	Analysis Turnaround Time			Sampler: DN
City/State/Zip: Sandusky OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Elyria RACER	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCL VOCs	Sample Specific Notes:
WG-12616-090814-DN-25	9-8-14	0750	G	Wtr	3			X	
-26		0850			3			X	
-27		0950			3			X	
-28		1105			3			X	
-29		1240			3			X	
-30		1325			3			X	
-31		1435			3			X	
-32		1610			3			X	
WG-12616-090914-DN -33	9-9-14	0825			3			X	
-34		0945			3			X	
-35		1040			3			X	
-36		1105			3			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:_____ Corr'd:_____	Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	9-11-14 1830		TA	9/12/14 920
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Canton
4101 Shuffel Street, N. W.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

Chain of Custody Record

047200
S-6

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: AL	Site Contact: DN	Date: 9-11-14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: DH	Carrier: Fed Ex	2 of 3 COCs
Address:	Analysis Turnaround Time			Sampler: DN
City/State/Zip: Sandusky, OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Elyria RACER	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCL VOCs	Sample Specific Notes:
WG-12616-090914-DN-37	9.9.14	1200	G	WG	3			X	
-38		1320			3			X	
-39		1435			3			X	
-40		1550			3			X	
-41		1710			3			X	
WG-12616-091014-DN-42	9.10.14	0750			3			X	
-43		0925			3			X	
-44		1055			3			X	
-45		1210			3			X	
-46		1310			9	X	X	X	MS/MSD
-47		1515			3			X	
-48		1630			3			X	

Preservation Used: 1= Ice, 2= HCL, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	9-11-14 / 1830		TA	9.12.14 920
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Canton
4101 Shuffel Street, N. W.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

Chain of Custody Record

047197

52

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: AL	Site Contact: DN	Date: 9.11.14	COC No:
Company Name: CRA	Tel/Fax:	Lab Contact: DH	Carrier: FedEx	3 of 3 COCs
Address:	Analysis Turnaround Time			Sampler: DN
City/State/Zip: Sandusky OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Elyria Racer	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCL VOCs	Sample Specific Notes:
WG-12616-091014-DN-49	9.10.14	1735	G	WG	3			X	
WG-12616-091114-DN-50	9.11.14	0755			3			X	
-51		0935			3			X	
-52		1105			3			X	
-53		1220			3			X	
-54		1255			3			X	
-55		1430			3			X	
-56		1540			3			X	
RB-12616-091114-DN-57		1600			3			X	Rinse Blank
TB-12616-002	—	—	TB	WQ	3			X	Trip Blank

Preservation Used: 1= Ice, 2= HCl, 3= H_2SO_4, 4= HNO_3, 5= NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by: Don Newton	CRA	9.11.14/1830		TA	9.12.14 920
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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9/23/2014

TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 45799

Client CRA Site Name

Cooler unpacked by:

Cooler Received on 9.12.14 Opened on 9.12.14

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C)	Observed Cooler Temp. °C	Corrected Cooler Temp. °C
IR GUN# 4	(CF -2 °C)	Observed Cooler Temp. °C	Corrected Cooler Temp. °C
IR GUN# 5	(CF 0 °C)	Observed Cooler Temp. °C	Corrected Cooler Temp. °C
IR GUN# 8	(CF 0 °C)	Observed Cooler Temp. 5-6 °C	Corrected Cooler Temp. 5.6 °C

☐ See Multiple Cooler Form

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC412469
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM Date by via Verbal Voice Mail Other
Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: SDE

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.
Time preserved: Preservative(s) added/Lot number(s):

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-6661-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
12/16/2011 6:15:24 AM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-6661-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-6661-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 12/08/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.7 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 12/13/2011 and 12/14/2011.

Methylene Chloride was detected in method blank MB 240-26569/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 240-26699/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 240-26857/5 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. 1,2,4-Trichlorobenzene was detected in method blank MB 240-26857/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

1,1-Dichloroethane, Benzene and Chloroform failed the recovery criteria high for LCS 240-26699/4. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Job ID: 240-6661-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

1,1-Dichloroethane, 1,2-Dichloropropane, 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK) and Methyl acetate failed the recovery criteria high for LCS 240-26857/4. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Chloroform failed the recovery criteria high for the MS of sample WG-12616-120511-DN-16MS (240-6661-15) in batch 240-26569.

Samples WG-12616-120611-DN-27 (240-6661-26)[20X] and WG-12616-120711-DN-31 (240-6661-30)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-6661-1	WG-12616-113011-DN-01	Water	11/30/11 18:00	12/08/11 09:45
240-6661-2	WG-12616-120111-DN-02	Water	12/01/11 08:40	12/08/11 09:45
240-6661-3	WG-12616-120111-DN-03	Water	12/01/11 10:15	12/08/11 09:45
240-6661-4	WG-12616-120111-DN-04	Water	12/01/11 12:15	12/08/11 09:45
240-6661-5	WG-12616-120111-DN-05	Water	12/01/11 13:35	12/08/11 09:45
240-6661-6	WG-12616-120111-DN-06	Water	12/01/11 15:05	12/08/11 09:45
240-6661-7	WG-12616-120111-DN-07	Water	12/01/11 16:20	12/08/11 09:45
240-6661-8	WG-12616-120211-DN-09	Water	12/02/11 09:15	12/08/11 09:45
240-6661-9	WG-12616-120211-DN-10	Water	12/02/11 11:20	12/08/11 09:45
240-6661-10	WG-12616-120211-DN-11	Water	12/02/11 11:55	12/08/11 09:45
240-6661-11	WG-12616-120211-DN-12	Water	12/02/11 13:30	12/08/11 09:45
240-6661-12	WG-12616-120211-DN-13	Water	12/02/11 15:30	12/08/11 09:45
240-6661-13	WG-12616-120211-DN-14	Water	12/02/11 16:55	12/08/11 09:45
240-6661-14	WG-12616-120211-DN-15	Water	12/02/11 17:45	12/08/11 09:45
240-6661-15	WG-12616-120511-DN-16	Water	12/05/11 14:50	12/08/11 09:45
240-6661-16	WG-12616-120511-DN-17	Water	12/05/11 16:10	12/08/11 09:45
240-6661-17	WG-12616-120511-DN-18	Water	12/05/11 17:15	12/08/11 09:45
240-6661-18	WG-12616-120511-DN-19	Water	12/05/11 17:50	12/08/11 09:45
240-6661-19	WG-12616-120611-DN-20	Water	12/06/11 08:25	12/08/11 09:45
240-6661-20	WG-12616-120611-DN-21	Water	12/06/11 09:30	12/08/11 09:45
240-6661-21	WG-12616-120611-DN-22	Water	12/06/11 10:35	12/08/11 09:45
240-6661-22	WG-12616-120611-DN-23	Water	12/06/11 11:55	12/08/11 09:45
240-6661-23	WG-12616-120611-DN-24	Water	12/06/11 12:40	12/08/11 09:45
240-6661-24	WG-12616-120611-DN-25	Water	12/06/11 14:40	12/08/11 09:45
240-6661-25	WG-12616-120611-DN-26	Water	12/06/11 15:05	12/08/11 09:45
240-6661-26	WG-12616-120611-DN-27	Water	12/06/11 16:10	12/08/11 09:45
240-6661-27	WG-12616-120611-DN-28	Water	12/06/11 17:10	12/08/11 09:45
240-6661-28	WG-12616-120611-DN-29	Water	12/06/11 17:50	12/08/11 09:45
240-6661-29	WG-12616-120711-DN-30	Water	12/07/11 08:20	12/08/11 09:45
240-6661-30	WG-12616-120711-DN-31	Water	12/07/11 09:40	12/08/11 09:45
240-6661-31	WG-12616-120711-DN-32	Water	12/07/11 12:40	12/08/11 09:45
240-6661-32	WG-12616-120711-DN-33	Water	12/07/11 13:40	12/08/11 09:45
240-6661-33	WG-12616-120711-DN-34	Water	12/07/11 14:55	12/08/11 09:45
240-6661-34	WG-12616-120711-DN-35	Water	12/07/11 15:55	12/08/11 09:45
240-6661-35	WG-12616-120711-DN-36	Water	12/07/11 16:30	12/08/11 09:45
240-6661-36	WG-12616-120711-DN-37	Water	12/07/11 17:20	12/08/11 09:45
240-6661-37	WG-12616-120611-DN-38	Water	12/06/11 16:05	12/08/11 09:45
240-6661-38	RB-12616-120211-DN-39	Water	12/02/11 18:00	12/08/11 09:45
240-6661-39	RB-12616-120711-DN-40	Water	12/07/11 16:00	12/08/11 09:45
240-6661-40	TB-120711-01	Water	12/07/11 00:00	12/08/11 09:45

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-113011-DN-01 — **Lab Sample ID: 240-6661-1**

No Detections

Client Sample ID: WG-12616-120111-DN-02 — **Lab Sample ID: 240-6661-2**

No Detections

Client Sample ID: WG-12616-120111-DN-03 — **Lab Sample ID: 240-6661-3**

No Detections

Client Sample ID: WG-12616-120111-DN-04 — **Lab Sample ID: 240-6661-4**

No Detections

Client Sample ID: WG-12616-120111-DN-05 — **Lab Sample ID: 240-6661-5**

No Detections

Client Sample ID: WG-12616-120111-DN-06 — **Lab Sample ID: 240-6661-6**

No Detections

Client Sample ID: WG-12616-120111-DN-07 — **Lab Sample ID: 240-6661-7**

No Detections

Client Sample ID: WG-12616-120211-DN-09 — **Lab Sample ID: 240-6661-8**

No Detections

Client Sample ID: WG-12616-120211-DN-10 — **Lab Sample ID: 240-6661-9**

No Detections

Client Sample ID: WG-12616-120211-DN-11 — **Lab Sample ID: 240-6661-10**

No Detections

Client Sample ID: WG-12616-120211-DN-12 — **Lab Sample ID: 240-6661-11**

No Detections

Client Sample ID: WG-12616-120211-DN-13 — **Lab Sample ID: 240-6661-12**

No Detections

Client Sample ID: WG-12616-120211-DN-14 — **Lab Sample ID: 240-6661-13**

No Detections

Client Sample ID: WG-12616-120211-DN-15 — **Lab Sample ID: 240-6661-14**

No Detections

Client Sample ID: WG-12616-120511-DN-16 — **Lab Sample ID: 240-6661-15**

No Detections

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-17 — Lab Sample ID: 240-6661-16

No Detections

Client Sample ID: WG-12616-120511-DN-18 — Lab Sample ID: 240-6661-17

No Detections

Client Sample ID: WG-12616-120511-DN-19 — Lab Sample ID: 240-6661-18

No Detections

Client Sample ID: WG-12616-120611-DN-20 — Lab Sample ID: 240-6661-19

No Detections

Client Sample ID: WG-12616-120611-DN-21 — Lab Sample ID: 240-6661-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.26	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-22 — Lab Sample ID: 240-6661-21

No Detections

Client Sample ID: WG-12616-120611-DN-23 — Lab Sample ID: 240-6661-22

No Detections

Client Sample ID: WG-12616-120611-DN-24 — Lab Sample ID: 240-6661-23

No Detections

Client Sample ID: WG-12616-120611-DN-25 — Lab Sample ID: 240-6661-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	18		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	1.4		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	10		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.0		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-26 — Lab Sample ID: 240-6661-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.29	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-27 — Lab Sample ID: 240-6661-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	29	B	20	6.6	ug/L	20		8260B	Total/NA
Trichloroethene	420		20	3.4	ug/L	20		8260B	Total/NA
Vinyl chloride	57		20	4.4	ug/L	20		8260B	Total/NA
cis-1,2-Dichloroethene	360		20	3.4	ug/L	20		8260B	Total/NA
trans-1,2-Dichloroethene	190		20	3.8	ug/L	20		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-28 — Lab Sample ID: 240-6661-27

Client Sample ID: WG-12616-120611-DN-28 (Continued) — Lab Sample ID: 240-6661-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	5.0		1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-29 — Lab Sample ID: 240-6661-28

No Detections

Client Sample ID: WG-12616-120711-DN-30 — Lab Sample ID: 240-6661-29

No Detections

Client Sample ID: WG-12616-120711-DN-31 — Lab Sample ID: 240-6661-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	5.0	B	4.0	1.3	ug/L	4		8260B	Total/NA
Vinyl chloride	36		4.0	0.88	ug/L	4		8260B	Total/NA
cis-1,2-Dichloroethene	96		4.0	0.68	ug/L	4		8260B	Total/NA
trans-1,2-Dichloroethene	5.4		4.0	0.76	ug/L	4		8260B	Total/NA

Client Sample ID: WG-12616-120711-DN-32 — Lab Sample ID: 240-6661-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.1		1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120711-DN-33 — Lab Sample ID: 240-6661-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	9.4		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120711-DN-34 — Lab Sample ID: 240-6661-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.36	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.85	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120711-DN-35 — Lab Sample ID: 240-6661-34

No Detections

Client Sample ID: WG-12616-120711-DN-36 — Lab Sample ID: 240-6661-35

No Detections

Client Sample ID: WG-12616-120711-DN-37 — Lab Sample ID: 240-6661-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.3	J	10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	1.3	J *	10	0.57	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.21	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-38 — Lab Sample ID: 240-6661-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	20		1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-120611-DN-38 (Continued) — Lab Sample ID: 240-6661-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.5		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.2		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: RB-12616-120211-DN-39 — Lab Sample ID: 240-6661-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	59		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.0	J	10	0.57	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.22	J	1.0	0.22	ug/L	1		8260B	Total/NA

Client Sample ID: RB-12616-120711-DN-40 — Lab Sample ID: 240-6661-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	72		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	4.5	J *	10	0.57	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.25	J	1.0	0.22	ug/L	1		8260B	Total/NA
2-Hexanone	0.56	J	10	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: TB-120711-01 — Lab Sample ID: 240-6661-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	1.1	ug/L	1		8260B	Total/NA

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-113011-DN-01
Date Collected: 11/30/11 18:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 10:33	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 10:33	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 10:33	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 10:33	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 10:33	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 10:33	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 10:33	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 10:33	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 10:33	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 10:33	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 10:33	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 10:33	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 10:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 10:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 10:33	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 10:33	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 10:33	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 10:33	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 10:33	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 10:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 10:33	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 10:33	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 10:33	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 10:33	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 10:33	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 10:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 10:33	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 10:33	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 10:33	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 10:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 10:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 10:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 10:33	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 10:33	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 10:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 10:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 10:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 10:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 10:33	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 10:33	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 10:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-113011-DN-01
Date Collected: 11/30/11 18:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		12/13/11 10:33	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 10:33	1
Toluene-d8 (Surr)	94		74 - 115		12/13/11 10:33	1
Dibromofluoromethane (Surr)	100		75 - 121		12/13/11 10:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-02
Date Collected: 12/01/11 08:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 10:54	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 10:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 10:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 10:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 10:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 10:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 10:54	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 10:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 10:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 10:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 10:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 10:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 10:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 10:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 10:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 10:54	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 10:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 10:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 10:54	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 10:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 10:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 10:54	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 10:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 10:54	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 10:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 10:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 10:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 10:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 10:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 10:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 10:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 10:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 10:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 10:54	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 10:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 10:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 10:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 10:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 10:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 10:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 10:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-02
Date Collected: 12/01/11 08:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 10:54	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/13/11 10:54	1
Toluene-d8 (Surr)	94		74 - 115		12/13/11 10:54	1
Dibromofluoromethane (Surr)	104		75 - 121		12/13/11 10:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-03
Date Collected: 12/01/11 10:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 11:16	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 11:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 11:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 11:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 11:16	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 11:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 11:16	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 11:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 11:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 11:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 11:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 11:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 11:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 11:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 11:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 11:16	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 11:16	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 11:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 11:16	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 11:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 11:16	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 11:16	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 11:16	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 11:16	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 11:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 11:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 11:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 11:16	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 11:16	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 11:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 11:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 11:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 11:16	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 11:16	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 11:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 11:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 11:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 11:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 11:16	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 11:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 11:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-03
Date Collected: 12/01/11 10:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 129		12/13/11 11:16	1
4-Bromofluorobenzene (Surr)	93		66 - 117		12/13/11 11:16	1
Toluene-d8 (Surr)	91		74 - 115		12/13/11 11:16	1
Dibromofluoromethane (Surr)	105		75 - 121		12/13/11 11:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-04
Date Collected: 12/01/11 12:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 11:37	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 11:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 11:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 11:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 11:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 11:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 11:37	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 11:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 11:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 11:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 11:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 11:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 11:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 11:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 11:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 11:37	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 11:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 11:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 11:37	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 11:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 11:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 11:37	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 11:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 11:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 11:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 11:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 11:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 11:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 11:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 11:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 11:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 11:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 11:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 11:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 11:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 11:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 11:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 11:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 11:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 11:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 11:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-04
Date Collected: 12/01/11 12:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 129*		*12/13/11 11:37*	*1*
4-Bromofluorobenzene (Surr)	*95*		*66 - 117*		*12/13/11 11:37*	*1*
Toluene-d8 (Surr)	*92*		*74 - 115*		*12/13/11 11:37*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 121*		*12/13/11 11:37*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-05
Date Collected: 12/01/11 13:35
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 11:59	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 11:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 11:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 11:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 11:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 11:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 11:59	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 11:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 11:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 11:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 11:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 11:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 11:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 11:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 11:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 11:59	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 11:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 11:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 11:59	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 11:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 11:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 11:59	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 11:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 11:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 11:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 11:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 11:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 11:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 11:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 11:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 11:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 11:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 11:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 11:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 11:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 11:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 11:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 11:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 11:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 11:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-05
Date Collected: 12/01/11 13:35
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 129		12/13/11 11:59	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 11:59	1
Toluene-d8 (Surr)	91		74 - 115		12/13/11 11:59	1
Dibromofluoromethane (Surr)	103		75 - 121		12/13/11 11:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-06
Date Collected: 12/01/11 15:05
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 12:20	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 12:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 12:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 12:20	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 12:20	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 12:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 12:20	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 12:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 12:20	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 12:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 12:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 12:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 12:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 12:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 12:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 12:20	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 12:20	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 12:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 12:20	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 12:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 12:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 12:20	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 12:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 12:20	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 12:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 12:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 12:20	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 12:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 12:20	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 12:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 12:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 12:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 12:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 12:20	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 12:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 12:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 12:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 12:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 12:20	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 12:20	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 12:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-06
Date Collected: 12/01/11 15:05
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 12:20	1
4-Bromofluorobenzene (Surr)	93		66 - 117		12/13/11 12:20	1
Toluene-d8 (Surr)	95		74 - 115		12/13/11 12:20	1
Dibromofluoromethane (Surr)	102		75 - 121		12/13/11 12:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-07
Date Collected: 12/01/11 16:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 12:42	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 12:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 12:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 12:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 12:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 12:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 12:42	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 12:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 12:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 12:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 12:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 12:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 12:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 12:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 12:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 12:42	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 12:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 12:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 12:42	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 12:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 12:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 12:42	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 12:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 12:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 12:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 12:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 12:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 12:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 12:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 12:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 12:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 12:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 12:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 12:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 12:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 12:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 12:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 12:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 12:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 12:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120111-DN-07
Date Collected: 12/01/11 16:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 129*		*12/13/11 12:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*12/13/11 12:42*	*1*
Toluene-d8 (Surr)	*91*		*74 - 115*		*12/13/11 12:42*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 121*		*12/13/11 12:42*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-09
Date Collected: 12/02/11 09:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 13:03	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 13:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 13:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 13:03	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 13:03	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 13:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 13:03	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 13:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 13:03	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 13:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 13:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 13:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 13:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 13:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 13:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 13:03	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 13:03	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 13:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 13:03	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 13:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 13:03	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 13:03	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 13:03	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 13:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 13:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 13:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 13:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 13:03	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 13:03	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 13:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 13:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 13:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 13:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 13:03	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 13:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 13:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 13:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 13:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 13:03	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 13:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 13:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-09
Date Collected: 12/02/11 09:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 13:03	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 13:03	1
Toluene-d8 (Surr)	93		74 - 115		12/13/11 13:03	1
Dibromofluoromethane (Surr)	104		75 - 121		12/13/11 13:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-10
Date Collected: 12/02/11 11:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 13:25	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 13:25	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 13:25	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 13:25	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 13:25	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 13:25	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 13:25	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 13:25	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 13:25	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 13:25	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 13:25	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 13:25	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 13:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 13:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 13:25	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 13:25	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 13:25	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 13:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 13:25	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 13:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 13:25	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 13:25	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 13:25	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 13:25	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 13:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 13:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 13:25	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 13:25	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 13:25	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 13:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 13:25	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 13:25	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 13:25	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 13:25	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 13:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 13:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 13:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 13:25	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 13:25	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 13:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-10
Date Collected: 12/02/11 11:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 13:25	1
4-Bromofluorobenzene (Surr)	92		66 - 117		12/13/11 13:25	1
Toluene-d8 (Surr)	93		74 - 115		12/13/11 13:25	1
Dibromofluoromethane (Surr)	103		75 - 121		12/13/11 13:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-11
Date Collected: 12/02/11 11:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 13:46	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 13:46	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 13:46	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 13:46	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 13:46	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 13:46	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 13:46	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 13:46	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 13:46	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 13:46	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 13:46	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 13:46	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 13:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 13:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 13:46	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 13:46	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 13:46	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 13:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 13:46	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 13:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 13:46	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 13:46	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 13:46	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 13:46	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 13:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 13:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 13:46	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 13:46	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 13:46	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 13:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 13:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 13:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 13:46	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 13:46	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 13:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 13:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 13:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 13:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 13:46	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 13:46	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 13:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-11
Date Collected: 12/02/11 11:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-10
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 13:46	1
4-Bromofluorobenzene (Surr)	93		66 - 117		12/13/11 13:46	1
Toluene-d8 (Surr)	94		74 - 115		12/13/11 13:46	1
Dibromofluoromethane (Surr)	103		75 - 121		12/13/11 13:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-12
Date Collected: 12/02/11 13:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 14:07	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 14:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 14:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 14:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 14:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 14:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 14:07	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 14:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 14:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 14:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 14:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 14:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 14:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 14:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 14:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 14:07	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 14:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 14:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 14:07	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 14:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 14:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 14:07	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 14:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 14:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 14:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 14:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 14:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 14:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 14:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 14:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 14:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 14:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 14:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 14:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 14:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 14:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 14:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 14:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 14:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 14:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 14:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-12
Date Collected: 12/02/11 13:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 129		12/13/11 14:07	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 14:07	1
Toluene-d8 (Surr)	93		74 - 115		12/13/11 14:07	1
Dibromofluoromethane (Surr)	106		75 - 121		12/13/11 14:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-13
Date Collected: 12/02/11 15:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 14:29	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 14:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 14:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 14:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 14:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 14:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 14:29	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 14:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 14:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 14:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 14:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 14:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 14:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 14:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 14:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 14:29	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 14:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 14:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 14:29	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 14:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 14:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 14:29	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 14:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 14:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 14:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 14:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 14:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 14:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 14:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 14:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 14:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 14:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 14:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 14:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 14:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 14:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 14:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 14:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 14:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 14:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 14:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-13
Date Collected: 12/02/11 15:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 129		12/13/11 14:29	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/13/11 14:29	1
Toluene-d8 (Surr)	95		74 - 115		12/13/11 14:29	1
Dibromofluoromethane (Surr)	105		75 - 121		12/13/11 14:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-14
Date Collected: 12/02/11 16:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 14:50	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 14:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 14:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 14:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 14:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 14:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 14:50	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 14:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 14:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 14:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 14:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 14:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 14:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 14:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 14:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 14:50	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 14:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 14:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 14:50	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 14:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 14:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 14:50	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 14:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 14:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 14:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 14:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 14:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 14:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 14:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 14:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 14:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 14:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 14:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 14:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 14:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 14:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 14:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 14:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 14:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 14:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 14:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-14
Date Collected: 12/02/11 16:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 14:50	1
4-Bromofluorobenzene (Surr)	91		66 - 117		12/13/11 14:50	1
Toluene-d8 (Surr)	94		74 - 115		12/13/11 14:50	1
Dibromofluoromethane (Surr)	101		75 - 121		12/13/11 14:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-15
Date Collected: 12/02/11 17:45
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 15:11	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 15:11	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 15:11	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 15:11	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 15:11	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 15:11	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 15:11	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 15:11	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 15:11	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 15:11	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 15:11	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 15:11	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 15:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 15:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 15:11	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 15:11	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 15:11	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 15:11	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 15:11	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 15:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 15:11	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 15:11	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 15:11	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 15:11	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 15:11	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 15:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 15:11	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 15:11	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 15:11	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 15:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 15:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 15:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 15:11	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 15:11	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 15:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 15:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 15:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 15:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 15:11	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 15:11	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 15:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120211-DN-15
Date Collected: 12/02/11 17:45
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 15:11	1
4-Bromofluorobenzene (Surr)	92		66 - 117		12/13/11 15:11	1
Toluene-d8 (Surr)	92		74 - 115		12/13/11 15:11	1
Dibromofluoromethane (Surr)	101		75 - 121		12/13/11 15:11	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-16
Date Collected: 12/05/11 14:50
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 10:12	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 10:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 10:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 10:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 10:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 10:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 10:12	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 10:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 10:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 10:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 10:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 10:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 10:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 10:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 10:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 10:12	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 10:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 10:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 10:12	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 10:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 10:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 10:12	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 10:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 10:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 10:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 10:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 10:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 10:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 10:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 10:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 10:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 10:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 10:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 10:12	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 10:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 10:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 10:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 10:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 10:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 10:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 10:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-16
Date Collected: 12/05/11 14:50
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 129*		*12/13/11 10:12*	*1*
4-Bromofluorobenzene (Surr)	*94*		*66 - 117*		*12/13/11 10:12*	*1*
Toluene-d8 (Surr)	*91*		*74 - 115*		*12/13/11 10:12*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 121*		*12/13/11 10:12*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-17
Date Collected: 12/05/11 16:10
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 15:33	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 15:33	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 15:33	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 15:33	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 15:33	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 15:33	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 15:33	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 15:33	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 15:33	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 15:33	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 15:33	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 15:33	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 15:33	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 15:33	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 15:33	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 15:33	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 15:33	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 15:33	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 15:33	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 15:33	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 15:33	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 15:33	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 15:33	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 15:33	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 15:33	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 15:33	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 15:33	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 15:33	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 15:33	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 15:33	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 15:33	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 15:33	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 15:33	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 15:33	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 15:33	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 15:33	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 15:33	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 15:33	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 15:33	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 15:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-17
Date Collected: 12/05/11 16:10
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 129		12/13/11 15:33	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/13/11 15:33	1
Toluene-d8 (Surr)	92		74 - 115		12/13/11 15:33	1
Dibromofluoromethane (Surr)	106		75 - 121		12/13/11 15:33	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-18
Date Collected: 12/05/11 17:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 15:54	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 15:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 15:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 15:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 15:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 15:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 15:54	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 15:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 15:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 15:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 15:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 15:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 15:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 15:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 15:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 15:54	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 15:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 15:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 15:54	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 15:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 15:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 15:54	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 15:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 15:54	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 15:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 15:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 15:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 15:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 15:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 15:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 15:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 15:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 15:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 15:54	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 15:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 15:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 15:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 15:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 15:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 15:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 15:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-18
Date Collected: 12/05/11 17:15
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		63 - 129		12/13/11 15:54	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 15:54	1
Toluene-d8 (Surr)	95		74 - 115		12/13/11 15:54	1
Dibromofluoromethane (Surr)	102		75 - 121		12/13/11 15:54	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-19
Date Collected: 12/05/11 17:50
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 16:16	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 16:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 16:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 16:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 16:16	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 16:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 16:16	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 16:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 16:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 16:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 16:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 16:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 16:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 16:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 16:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 16:16	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 16:16	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 16:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 16:16	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 16:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 16:16	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 16:16	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 16:16	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 16:16	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 16:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 16:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 16:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 16:16	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 16:16	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 16:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 16:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 16:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 16:16	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 16:16	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 16:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 16:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 16:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 16:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 16:16	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 16:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 16:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120511-DN-19
Date Collected: 12/05/11 17:50
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 129		12/13/11 16:16	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 16:16	1
Toluene-d8 (Surr)	91		74 - 115		12/13/11 16:16	1
Dibromofluoromethane (Surr)	105		75 - 121		12/13/11 16:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-20
Date Collected: 12/06/11 08:25
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 16:37	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 16:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 16:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 16:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 16:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 16:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 16:37	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 16:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 16:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 16:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 16:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 16:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 16:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 16:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 16:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 16:37	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 16:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 16:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 16:37	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 16:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 16:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 16:37	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 16:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 16:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 16:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 16:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 16:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 16:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 16:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 16:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 16:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 16:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 16:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 16:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 16:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 16:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 16:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 16:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 16:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 16:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-20
Date Collected: 12/06/11 08:25
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-19
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 129		12/13/11 16:37	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 16:37	1
Toluene-d8 (Surr)	93		74 - 115		12/13/11 16:37	1
Dibromofluoromethane (Surr)	104		75 - 121		12/13/11 16:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-21
Date Collected: 12/06/11 09:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 16:59	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 16:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 16:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 16:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 16:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 16:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 16:59	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 16:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 16:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 16:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 16:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 16:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 16:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 16:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 16:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 16:59	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 16:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 16:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 16:59	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 16:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 16:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 16:59	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
Trichloroethene	**0.26**	**J**	1.0	0.17	ug/L			12/13/11 16:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 16:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 16:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 16:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 16:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 16:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 16:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 16:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 16:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 16:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 16:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 16:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 16:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 16:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 16:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 16:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 16:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 16:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-21
Date Collected: 12/06/11 09:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-20
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 129		12/13/11 16:59	1
4-Bromofluorobenzene (Surr)	94		66 - 117		12/13/11 16:59	1
Toluene-d8 (Surr)	95		74 - 115		12/13/11 16:59	1
Dibromofluoromethane (Surr)	107		75 - 121		12/13/11 16:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-22
Date Collected: 12/06/11 10:35
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 22:20	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/13/11 22:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 22:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 22:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 22:20	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 22:20	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 22:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 22:20	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 22:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 22:20	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/13/11 22:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 22:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 22:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 22:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 22:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 22:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 22:20	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 22:20	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 22:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 22:20	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 22:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 22:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 22:20	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 22:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 22:20	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 22:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 22:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 22:20	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 22:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 22:20	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 22:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 22:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 22:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 22:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 22:20	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 22:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 22:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 22:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 22:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 22:20	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 22:20	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-22
Date Collected: 12/06/11 10:35
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/13/11 22:20	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/13/11 22:20	1
Toluene-d8 (Surr)	96		74 - 115		12/13/11 22:20	1
Dibromofluoromethane (Surr)	102		75 - 121		12/13/11 22:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-23
Date Collected: 12/06/11 11:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 22:42	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/13/11 22:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 22:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 22:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 22:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 22:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 22:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 22:42	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 22:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 22:42	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/13/11 22:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 22:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 22:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 22:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 22:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 22:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 22:42	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 22:42	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 22:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 22:42	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 22:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 22:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 22:42	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 22:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 22:42	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 22:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 22:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 22:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 22:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 22:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 22:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 22:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 22:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 22:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 22:42	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 22:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 22:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 22:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 22:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 22:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 22:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-23
Date Collected: 12/06/11 11:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-22
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 129*		*12/13/11 22:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*12/13/11 22:42*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*12/13/11 22:42*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 121*		*12/13/11 22:42*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-24
Date Collected: 12/06/11 12:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 23:03	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/13/11 23:03	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 23:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 23:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 23:03	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 23:03	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 23:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 23:03	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 23:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 23:03	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/13/11 23:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 23:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 23:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 23:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 23:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 23:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 23:03	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 23:03	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 23:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 23:03	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 23:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 23:03	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 23:03	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 23:03	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 23:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 23:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 23:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 23:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 23:03	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 23:03	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 23:03	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 23:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 23:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 23:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 23:03	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 23:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 23:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 23:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 23:03	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 23:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 23:03	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-24
Date Collected: 12/06/11 12:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-23
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 129*		*12/13/11 23:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*66 - 117*		*12/13/11 23:03*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*12/13/11 23:03*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 121*		*12/13/11 23:03*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-25
Date Collected: 12/06/11 14:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 23:25	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/13/11 23:25	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 23:25	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 23:25	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 23:25	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 23:25	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 23:25	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 23:25	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 23:25	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 23:25	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/13/11 23:25	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 23:25	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 23:25	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 23:25	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 23:25	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 23:25	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 23:25	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 23:25	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 23:25	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 23:25	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 23:25	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 23:25	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 23:25	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1
Trichloroethene	**18**		1.0	0.17	ug/L			12/13/11 23:25	1
Vinyl chloride	**1.4**		1.0	0.22	ug/L			12/13/11 23:25	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 23:25	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 23:25	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 23:25	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 23:25	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 23:25	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 23:25	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 23:25	1
cis-1,2-Dichloroethene	**10**		1.0	0.17	ug/L			12/13/11 23:25	1
trans-1,2-Dichloroethene	**5.0**		1.0	0.19	ug/L			12/13/11 23:25	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 23:25	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 23:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 23:25	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 23:25	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 23:25	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 23:25	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 23:25	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 23:25	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-25
Date Collected: 12/06/11 14:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-24
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*118*		*63 - 129*		*12/13/11 23:25*	*1*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*12/13/11 23:25*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*12/13/11 23:25*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 121*		*12/13/11 23:25*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-26
Date Collected: 12/06/11 15:05
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 23:47	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/13/11 23:47	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 23:47	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 23:47	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 23:47	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 23:47	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 23:47	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 23:47	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/13/11 23:47	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 23:47	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/13/11 23:47	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 23:47	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 23:47	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 23:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 23:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 23:47	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 23:47	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 23:47	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/13/11 23:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 23:47	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 23:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 23:47	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 23:47	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1
Trichloroethene	**0.29**	**J**	1.0	0.17	ug/L			12/13/11 23:47	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 23:47	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 23:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 23:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 23:47	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 23:47	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 23:47	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 23:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 23:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 23:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 23:47	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 23:47	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 23:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 23:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 23:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 23:47	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 23:47	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 23:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-26
Date Collected: 12/06/11 15:05
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-25
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 129		12/13/11 23:47	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/13/11 23:47	1
Toluene-d8 (Surr)	94		74 - 115		12/13/11 23:47	1
Dibromofluoromethane (Surr)	105		75 - 121		12/13/11 23:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-27
Date Collected: 12/06/11 16:10
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	200	U	200	22	ug/L			12/14/11 19:03	20
Benzene	20	U	20	2.6	ug/L			12/14/11 19:03	20
Dichlorobromomethane	20	U	20	3.0	ug/L			12/14/11 19:03	20
Bromoform	20	U	20	13	ug/L			12/14/11 19:03	20
Bromomethane	20	U	20	8.2	ug/L			12/14/11 19:03	20
2-Butanone (MEK)	200	U *	200	11	ug/L			12/14/11 19:03	20
Carbon disulfide	20	U	20	2.6	ug/L			12/14/11 19:03	20
Carbon tetrachloride	20	U	20	2.6	ug/L			12/14/11 19:03	20
Chlorobenzene	20	U	20	3.0	ug/L			12/14/11 19:03	20
Chloroethane	20	U	20	5.8	ug/L			12/14/11 19:03	20
Chloroform	20	U	20	3.2	ug/L			12/14/11 19:03	20
Chloromethane	20	U	20	6.0	ug/L			12/14/11 19:03	20
1,1-Dichloroethane	20	U *	20	3.0	ug/L			12/14/11 19:03	20
1,2-Dichloroethane	20	U	20	4.4	ug/L			12/14/11 19:03	20
1,1-Dichloroethene	20	U	20	3.8	ug/L			12/14/11 19:03	20
1,2-Dichloropropane	20	U *	20	3.6	ug/L			12/14/11 19:03	20
cis-1,3-Dichloropropene	20	U	20	2.8	ug/L			12/14/11 19:03	20
trans-1,3-Dichloropropene	20	U	20	3.8	ug/L			12/14/11 19:03	20
Ethylbenzene	20	U	20	3.4	ug/L			12/14/11 19:03	20
2-Hexanone	200	U	200	8.2	ug/L			12/14/11 19:03	20
Methylene Chloride	**29**	**B**	20	6.6	ug/L			12/14/11 19:03	20
4-Methyl-2-pentanone (MIBK)	200	U *	200	6.4	ug/L			12/14/11 19:03	20
Styrene	20	U	20	2.2	ug/L			12/14/11 19:03	20
1,1,2,2-Tetrachloroethane	20	U	20	3.6	ug/L			12/14/11 19:03	20
Tetrachloroethene	20	U	20	5.8	ug/L			12/14/11 19:03	20
Toluene	20	U	20	2.6	ug/L			12/14/11 19:03	20
Trichloroethene	**420**		20	3.4	ug/L			12/14/11 19:03	20
Vinyl chloride	**57**		20	4.4	ug/L			12/14/11 19:03	20
Xylenes, Total	40	U	40	5.6	ug/L			12/14/11 19:03	20
1,1,1-Trichloroethane	20	U	20	4.4	ug/L			12/14/11 19:03	20
1,1,2-Trichloroethane	20	U	20	5.4	ug/L			12/14/11 19:03	20
Cyclohexane	20	U	20	2.4	ug/L			12/14/11 19:03	20
1,2-Dibromo-3-Chloropropane	40	U	40	13	ug/L			12/14/11 19:03	20
Ethylene Dibromide	20	U	20	4.8	ug/L			12/14/11 19:03	20
Dichlorodifluoromethane	20	U	20	6.2	ug/L			12/14/11 19:03	20
cis-1,2-Dichloroethene	**360**		20	3.4	ug/L			12/14/11 19:03	20
trans-1,2-Dichloroethene	**190**		20	3.8	ug/L			12/14/11 19:03	20
Isopropylbenzene	20	U	20	2.6	ug/L			12/14/11 19:03	20
Methyl acetate	200	U *	200	7.6	ug/L			12/14/11 19:03	20
Methyl tert-butyl ether	100	U	100	3.4	ug/L			12/14/11 19:03	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	5.6	ug/L			12/14/11 19:03	20
1,2,4-Trichlorobenzene	20	U	20	3.0	ug/L			12/14/11 19:03	20
1,2-Dichlorobenzene	20	U	20	2.6	ug/L			12/14/11 19:03	20
1,3-Dichlorobenzene	20	U	20	2.8	ug/L			12/14/11 19:03	20
1,4-Dichlorobenzene	20	U	20	2.6	ug/L			12/14/11 19:03	20
Trichlorofluoromethane	20	U	20	4.2	ug/L			12/14/11 19:03	20
Chlorodibromomethane	20	U	20	3.6	ug/L			12/14/11 19:03	20
Methylcyclohexane	20	U	20	2.6	ug/L			12/14/11 19:03	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-27
Date Collected: 12/06/11 16:10
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-26
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		12/14/11 19:03	20
4-Bromofluorobenzene (Surr)	87		66 - 117		12/14/11 19:03	20
Toluene-d8 (Surr)	92		74 - 115		12/14/11 19:03	20
Dibromofluoromethane (Surr)	105		75 - 121		12/14/11 19:03	20

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-28
Date Collected: 12/06/11 17:10
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 00:08	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 00:08	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 00:08	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 00:08	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 00:08	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 00:08	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 00:08	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 00:08	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 00:08	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 00:08	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 00:08	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 00:08	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 00:08	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 00:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 00:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 00:08	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 00:08	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 00:08	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 00:08	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 00:08	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 00:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 00:08	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 00:08	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 00:08	1
Vinyl chloride	**5.0**		1.0	0.22	ug/L			12/14/11 00:08	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 00:08	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 00:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 00:08	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 00:08	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 00:08	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 00:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 00:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 00:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 00:08	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 00:08	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 00:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 00:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 00:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 00:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 00:08	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 00:08	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 00:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-28
Date Collected: 12/06/11 17:10
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-27
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 129		12/14/11 00:08	1
4-Bromofluorobenzene (Surr)	95		66 - 117		12/14/11 00:08	1
Toluene-d8 (Surr)	93		74 - 115		12/14/11 00:08	1
Dibromofluoromethane (Surr)	105		75 - 121		12/14/11 00:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-29
Date Collected: 12/06/11 17:50
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 00:29	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 00:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 00:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 00:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 00:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 00:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 00:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 00:29	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 00:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 00:29	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 00:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 00:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 00:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 00:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 00:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 00:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 00:29	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 00:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 00:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 00:29	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 00:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 00:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 00:29	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 00:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 00:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 00:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 00:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 00:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 00:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 00:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 00:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 00:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 00:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 00:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 00:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 00:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 00:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 00:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 00:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 00:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 00:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 00:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-29
Date Collected: 12/06/11 17:50
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-28
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 129		12/14/11 00:29	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/14/11 00:29	1
Toluene-d8 (Surr)	93		74 - 115		12/14/11 00:29	1
Dibromofluoromethane (Surr)	105		75 - 121		12/14/11 00:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-30
Date Collected: 12/07/11 08:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 00:50	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 00:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 00:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 00:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 00:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 00:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 00:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 00:50	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 00:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 00:50	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 00:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 00:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 00:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 00:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 00:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 00:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 00:50	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 00:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 00:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 00:50	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 00:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 00:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 00:50	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 00:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 00:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 00:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 00:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 00:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 00:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 00:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 00:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 00:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 00:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 00:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 00:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 00:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 00:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 00:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 00:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 00:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 00:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-30
Date Collected: 12/07/11 08:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-29
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		63 - 129		12/14/11 00:50	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/14/11 00:50	1
Toluene-d8 (Surr)	95		74 - 115		12/14/11 00:50	1
Dibromofluoromethane (Surr)	104		75 - 121		12/14/11 00:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-31
Date Collected: 12/07/11 09:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	40	U	40	4.4	ug/L			12/14/11 19:25	4
Benzene	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
Dichlorobromomethane	4.0	U	4.0	0.60	ug/L			12/14/11 19:25	4
Bromoform	4.0	U	4.0	2.6	ug/L			12/14/11 19:25	4
Bromomethane	4.0	U	4.0	1.6	ug/L			12/14/11 19:25	4
2-Butanone (MEK)	40	U *	40	2.3	ug/L			12/14/11 19:25	4
Carbon disulfide	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
Carbon tetrachloride	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
Chlorobenzene	4.0	U	4.0	0.60	ug/L			12/14/11 19:25	4
Chloroethane	4.0	U	4.0	1.2	ug/L			12/14/11 19:25	4
Chloroform	4.0	U	4.0	0.64	ug/L			12/14/11 19:25	4
Chloromethane	4.0	U	4.0	1.2	ug/L			12/14/11 19:25	4
1,1-Dichloroethane	4.0	U *	4.0	0.60	ug/L			12/14/11 19:25	4
1,2-Dichloroethane	4.0	U	4.0	0.88	ug/L			12/14/11 19:25	4
1,1-Dichloroethene	4.0	U	4.0	0.76	ug/L			12/14/11 19:25	4
1,2-Dichloropropane	4.0	U *	4.0	0.72	ug/L			12/14/11 19:25	4
cis-1,3-Dichloropropene	4.0	U	4.0	0.56	ug/L			12/14/11 19:25	4
trans-1,3-Dichloropropene	4.0	U	4.0	0.76	ug/L			12/14/11 19:25	4
Ethylbenzene	4.0	U	4.0	0.68	ug/L			12/14/11 19:25	4
2-Hexanone	40	U	40	1.6	ug/L			12/14/11 19:25	4
Methylene Chloride	**5.0**	**B**	4.0	1.3	ug/L			12/14/11 19:25	4
4-Methyl-2-pentanone (MIBK)	40	U *	40	1.3	ug/L			12/14/11 19:25	4
Styrene	4.0	U	4.0	0.44	ug/L			12/14/11 19:25	4
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.72	ug/L			12/14/11 19:25	4
Tetrachloroethene	4.0	U	4.0	1.2	ug/L			12/14/11 19:25	4
Toluene	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
Trichloroethene	4.0	U	4.0	0.68	ug/L			12/14/11 19:25	4
Vinyl chloride	**36**		4.0	0.88	ug/L			12/14/11 19:25	4
Xylenes, Total	8.0	U	8.0	1.1	ug/L			12/14/11 19:25	4
1,1,1-Trichloroethane	4.0	U	4.0	0.88	ug/L			12/14/11 19:25	4
1,1,2-Trichloroethane	4.0	U	4.0	1.1	ug/L			12/14/11 19:25	4
Cyclohexane	4.0	U	4.0	0.48	ug/L			12/14/11 19:25	4
1,2-Dibromo-3-Chloropropane	8.0	U	8.0	2.7	ug/L			12/14/11 19:25	4
Ethylene Dibromide	4.0	U	4.0	0.96	ug/L			12/14/11 19:25	4
Dichlorodifluoromethane	4.0	U	4.0	1.2	ug/L			12/14/11 19:25	4
cis-1,2-Dichloroethene	**96**		4.0	0.68	ug/L			12/14/11 19:25	4
trans-1,2-Dichloroethene	**5.4**		4.0	0.76	ug/L			12/14/11 19:25	4
Isopropylbenzene	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
Methyl acetate	40	U *	40	1.5	ug/L			12/14/11 19:25	4
Methyl tert-butyl ether	20	U	20	0.68	ug/L			12/14/11 19:25	4
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.1	ug/L			12/14/11 19:25	4
1,2,4-Trichlorobenzene	4.0	U	4.0	0.60	ug/L			12/14/11 19:25	4
1,2-Dichlorobenzene	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
1,3-Dichlorobenzene	4.0	U	4.0	0.56	ug/L			12/14/11 19:25	4
1,4-Dichlorobenzene	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4
Trichlorofluoromethane	4.0	U	4.0	0.84	ug/L			12/14/11 19:25	4
Chlorodibromomethane	4.0	U	4.0	0.72	ug/L			12/14/11 19:25	4
Methylcyclohexane	4.0	U	4.0	0.52	ug/L			12/14/11 19:25	4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-31
Date Collected: 12/07/11 09:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-30
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/14/11 19:25	4
4-Bromofluorobenzene (Surr)	89		66 - 117		12/14/11 19:25	4
Toluene-d8 (Surr)	91		74 - 115		12/14/11 19:25	4
Dibromofluoromethane (Surr)	106		75 - 121		12/14/11 19:25	4

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-32
Date Collected: 12/07/11 12:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 01:12	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 01:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 01:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 01:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 01:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 01:12	1
Carbon disulfide	**1.1**		1.0	0.13	ug/L			12/14/11 01:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 01:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 01:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 01:12	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 01:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 01:12	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 01:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 01:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 01:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 01:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 01:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 01:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 01:12	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 01:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 01:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 01:12	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 01:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 01:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 01:12	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 01:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 01:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 01:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 01:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 01:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 01:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 01:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 01:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 01:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 01:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 01:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 01:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:12	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 01:12	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 01:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 01:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 01:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 01:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 01:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 01:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-32
Date Collected: 12/07/11 12:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-31
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		63 - 129		12/14/11 01:12	1
4-Bromofluorobenzene (Surr)	95		66 - 117		12/14/11 01:12	1
Toluene-d8 (Surr)	96		74 - 115		12/14/11 01:12	1
Dibromofluoromethane (Surr)	105		75 - 121		12/14/11 01:12	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-33
Date Collected: 12/07/11 13:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-32
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 01:34	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 01:34	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 01:34	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 01:34	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 01:34	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 01:34	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 01:34	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 01:34	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 01:34	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 01:34	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 01:34	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 01:34	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 01:34	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 01:34	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 01:34	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 01:34	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 01:34	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 01:34	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 01:34	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 01:34	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 01:34	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 01:34	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 01:34	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 01:34	1
Vinyl chloride	**9.4**		1.0	0.22	ug/L			12/14/11 01:34	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 01:34	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 01:34	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 01:34	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 01:34	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 01:34	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 01:34	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 01:34	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.17	ug/L			12/14/11 01:34	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 01:34	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 01:34	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 01:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 01:34	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 01:34	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 01:34	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 01:34	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 01:34	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 01:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-33
Date Collected: 12/07/11 13:40
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-32
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 129		12/14/11 01:34	1
4-Bromofluorobenzene (Surr)	93		66 - 117		12/14/11 01:34	1
Toluene-d8 (Surr)	92		74 - 115		12/14/11 01:34	1
Dibromofluoromethane (Surr)	110		75 - 121		12/14/11 01:34	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-34
Date Collected: 12/07/11 14:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-33
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 01:55	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 01:55	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 01:55	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 01:55	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 01:55	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 01:55	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 01:55	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 01:55	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 01:55	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 01:55	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 01:55	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 01:55	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 01:55	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 01:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 01:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 01:55	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 01:55	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 01:55	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 01:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 01:55	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 01:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 01:55	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 01:55	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 01:55	1
Vinyl chloride	**0.36**	**J**	1.0	0.22	ug/L			12/14/11 01:55	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 01:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 01:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 01:55	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 01:55	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 01:55	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 01:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 01:55	1
cis-1,2-Dichloroethene	**0.85**	**J**	1.0	0.17	ug/L			12/14/11 01:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 01:55	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 01:55	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 01:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 01:55	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 01:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 01:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 01:55	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 01:55	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 01:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-34
Date Collected: 12/07/11 14:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-33
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 129		12/14/11 01:55	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/14/11 01:55	1
Toluene-d8 (Surr)	97		74 - 115		12/14/11 01:55	1
Dibromofluoromethane (Surr)	106		75 - 121		12/14/11 01:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-35
Date Collected: 12/07/11 15:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-34
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 02:17	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 02:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 02:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 02:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 02:17	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 02:17	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 02:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 02:17	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 02:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 02:17	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 02:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 02:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 02:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 02:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 02:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 02:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 02:17	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 02:17	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 02:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 02:17	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 02:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 02:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 02:17	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 02:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 02:17	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 02:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 02:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 02:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 02:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 02:17	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 02:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 02:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 02:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 02:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 02:17	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 02:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 02:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 02:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 02:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 02:17	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 02:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 02:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-35
Date Collected: 12/07/11 15:55
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-34
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		63 - 129		12/14/11 02:17	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/14/11 02:17	1
Toluene-d8 (Surr)	95		74 - 115		12/14/11 02:17	1
Dibromofluoromethane (Surr)	105		75 - 121		12/14/11 02:17	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-36
Date Collected: 12/07/11 16:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-35
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 02:38	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 02:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 02:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 02:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 02:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 02:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 02:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 02:38	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 02:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 02:38	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 02:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 02:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 02:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 02:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 02:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 02:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 02:38	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 02:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 02:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 02:38	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 02:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 02:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 02:38	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 02:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 02:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 02:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 02:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 02:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 02:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 02:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 02:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 02:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 02:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 02:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 02:38	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 02:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 02:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 02:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 02:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 02:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 02:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 02:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-36
Date Collected: 12/07/11 16:30
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-35
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		63 - 129		12/14/11 02:38	1
4-Bromofluorobenzene (Surr)	96		66 - 117		12/14/11 02:38	1
Toluene-d8 (Surr)	96		74 - 115		12/14/11 02:38	1
Dibromofluoromethane (Surr)	107		75 - 121		12/14/11 02:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-37
Date Collected: 12/07/11 17:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-36
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**4.3**	**J**	10	1.1	ug/L			12/14/11 19:46	1
Benzene	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 19:46	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 19:46	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 19:46	1
2-Butanone (MEK)	**1.3**	**J ***	10	0.57	ug/L			12/14/11 19:46	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 19:46	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 19:46	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/14/11 19:46	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 19:46	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 19:46	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 19:46	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 19:46	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			12/14/11 19:46	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 19:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 19:46	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 19:46	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 19:46	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 19:46	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			12/14/11 19:46	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 19:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 19:46	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 19:46	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 19:46	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 19:46	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 19:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 19:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 19:46	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 19:46	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 19:46	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 19:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 19:46	1
cis-1,2-Dichloroethene	**0.21**	**J**	1.0	0.17	ug/L			12/14/11 19:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 19:46	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
Methyl acetate	10	U *	10	0.38	ug/L			12/14/11 19:46	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 19:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 19:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 19:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 19:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 19:46	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 19:46	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 19:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-37
Date Collected: 12/07/11 17:20
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-36
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		63 - 129		12/14/11 19:46	1
4-Bromofluorobenzene (Surr)	87		66 - 117		12/14/11 19:46	1
Toluene-d8 (Surr)	90		74 - 115		12/14/11 19:46	1
Dibromofluoromethane (Surr)	103		75 - 121		12/14/11 19:46	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-38
Date Collected: 12/06/11 16:05
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-37
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 20:08	1
Benzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 20:08	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 20:08	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 20:08	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			12/14/11 20:08	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 20:08	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 20:08	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/14/11 20:08	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 20:08	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 20:08	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 20:08	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 20:08	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			12/14/11 20:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 20:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 20:08	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 20:08	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 20:08	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 20:08	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			12/14/11 20:08	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 20:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 20:08	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 20:08	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
Trichloroethene	**20**		1.0	0.17	ug/L			12/14/11 20:08	1
Vinyl chloride	**1.5**		1.0	0.22	ug/L			12/14/11 20:08	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 20:08	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 20:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 20:08	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 20:08	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 20:08	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 20:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 20:08	1
cis-1,2-Dichloroethene	**11**		1.0	0.17	ug/L			12/14/11 20:08	1
trans-1,2-Dichloroethene	**5.2**		1.0	0.19	ug/L			12/14/11 20:08	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
Methyl acetate	10	U *	10	0.38	ug/L			12/14/11 20:08	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 20:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 20:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 20:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 20:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 20:08	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 20:08	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 20:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120611-DN-38
Date Collected: 12/06/11 16:05
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-37
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		63 - 129		12/14/11 20:08	1
4-Bromofluorobenzene (Surr)	89		66 - 117		12/14/11 20:08	1
Toluene-d8 (Surr)	91		74 - 115		12/14/11 20:08	1
Dibromofluoromethane (Surr)	103		75 - 121		12/14/11 20:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: RB-12616-120211-DN-39
Date Collected: 12/02/11 18:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-38
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**59**		10	1.1	ug/L			12/14/11 03:00	1
Benzene	1.0	U *	1.0	0.13	ug/L			12/14/11 03:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 03:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 03:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 03:00	1
2-Butanone (MEK)	**4.0**	**J**	10	0.57	ug/L			12/14/11 03:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 03:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 03:00	1
Chloroform	1.0	U *	1.0	0.16	ug/L			12/14/11 03:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 03:00	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 03:00	1
1,2-Dichloroethane	**0.22**	**J**	1.0	0.22	ug/L			12/14/11 03:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 03:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 03:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 03:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 03:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 03:00	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 03:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 03:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 03:00	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 03:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 03:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 03:00	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 03:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 03:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 03:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 03:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 03:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 03:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 03:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 03:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 03:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 03:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 03:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 03:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 03:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 03:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 03:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 03:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 03:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 03:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 03:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: RB-12616-120211-DN-39
Date Collected: 12/02/11 18:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-38
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		63 - 129		12/14/11 03:00	1
4-Bromofluorobenzene (Surr)	91		66 - 117		12/14/11 03:00	1
Toluene-d8 (Surr)	93		74 - 115		12/14/11 03:00	1
Dibromofluoromethane (Surr)	104		75 - 121		12/14/11 03:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: RB-12616-120711-DN-40
Date Collected: 12/07/11 16:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-39
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**72**		10	1.1	ug/L			12/14/11 20:29	1
Benzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 20:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 20:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 20:29	1
2-Butanone (MEK)	**4.5**	**J ***	10	0.57	ug/L			12/14/11 20:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 20:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 20:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/14/11 20:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 20:29	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 20:29	1
1,2-Dichloroethane	**0.25**	**J**	1.0	0.22	ug/L			12/14/11 20:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 20:29	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			12/14/11 20:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 20:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 20:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 20:29	1
2-Hexanone	**0.56**	**J**	10	0.41	ug/L			12/14/11 20:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 20:29	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			12/14/11 20:29	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 20:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 20:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 20:29	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 20:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 20:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 20:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 20:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 20:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 20:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 20:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 20:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 20:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 20:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 20:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
Methyl acetate	10	U *	10	0.38	ug/L			12/14/11 20:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 20:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 20:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 20:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 20:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 20:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 20:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: RB-12616-120711-DN-40
Date Collected: 12/07/11 16:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-39
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/14/11 20:29	1
4-Bromofluorobenzene (Surr)	87		66 - 117		12/14/11 20:29	1
Toluene-d8 (Surr)	89		74 - 115		12/14/11 20:29	1
Dibromofluoromethane (Surr)	104		75 - 121		12/14/11 20:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: TB-120711-01
Date Collected: 12/07/11 00:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-40
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3.8	J	10	1.1	ug/L			12/14/11 20:50	1
Benzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 20:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 20:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 20:50	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			12/14/11 20:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 20:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 20:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/14/11 20:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 20:50	1
1,1-Dichloroethane	1.0	U *	1.0	0.15	ug/L			12/14/11 20:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 20:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 20:50	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			12/14/11 20:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 20:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 20:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 20:50	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 20:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			12/14/11 20:50	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			12/14/11 20:50	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 20:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 20:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 20:50	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 20:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 20:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 20:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 20:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 20:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 20:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 20:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 20:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 20:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 20:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 20:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
Methyl acetate	10	U *	10	0.38	ug/L			12/14/11 20:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 20:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 20:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 20:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 20:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 20:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 20:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 20:50	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: TB-120711-01
Date Collected: 12/07/11 00:00
Date Received: 12/08/11 09:45

Lab Sample ID: 240-6661-40
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		12/14/11 20:50	1
4-Bromofluorobenzene (Surr)	89		66 - 117		12/14/11 20:50	1
Toluene-d8 (Surr)	90		74 - 115		12/14/11 20:50	1
Dibromofluoromethane (Surr)	104		75 - 121		12/14/11 20:50	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-6661-1	WG-12616-113011-DN-01	113	94	94	100
240-6661-2	WG-12616-120111-DN-02	115	96	94	104
240-6661-3	WG-12616-120111-DN-03	116	93	91	105
240-6661-4	WG-12616-120111-DN-04	115	95	92	105
240-6661-5	WG-12616-120111-DN-05	116	94	91	103
240-6661-6	WG-12616-120111-DN-06	115	93	95	102
240-6661-7	WG-12616-120111-DN-07	117	96	91	104
240-6661-8	WG-12616-120211-DN-09	115	94	93	104
240-6661-9	WG-12616-120211-DN-10	115	92	93	103
240-6661-10	WG-12616-120211-DN-11	115	93	94	103
240-6661-11	WG-12616-120211-DN-12	116	94	93	106
240-6661-12	WG-12616-120211-DN-13	119	96	95	105
240-6661-13	WG-12616-120211-DN-14	115	91	94	101
240-6661-14	WG-12616-120211-DN-15	115	92	92	101
240-6661-15	WG-12616-120511-DN-16	113	94	91	103
240-6661-15 MS	WG-12616-120511-DN-16	119	118 X	104	100
240-6661-15 MSD	WG-12616-120511-DN-16	116	115	102	100
240-6661-16	WG-12616-120511-DN-17	117	96	92	106
240-6661-17	WG-12616-120511-DN-18	116	94	95	102
240-6661-18	WG-12616-120511-DN-19	120	94	91	105
240-6661-19	WG-12616-120611-DN-20	119	94	93	104
240-6661-20	WG-12616-120611-DN-21	119	94	95	107
240-6661-21	WG-12616-120611-DN-22	115	96	96	102
240-6661-22	WG-12616-120611-DN-23	117	96	96	102
240-6661-23	WG-12616-120611-DN-24	115	97	96	103
240-6661-24	WG-12616-120611-DN-25	118	96	96	104
240-6661-25	WG-12616-120611-DN-26	120	96	94	105
240-6661-26	WG-12616-120611-DN-27	110	87	92	105
240-6661-27	WG-12616-120611-DN-28	117	95	93	105
240-6661-28	WG-12616-120611-DN-29	119	96	93	105
240-6661-29	WG-12616-120711-DN-30	117	96	95	104
240-6661-30	WG-12616-120711-DN-31	115	89	91	106
240-6661-31	WG-12616-120711-DN-32	119	95	96	105
240-6661-32	WG-12616-120711-DN-33	122	93	92	110
240-6661-33	WG-12616-120711-DN-34	120	96	97	106
240-6661-34	WG-12616-120711-DN-35	120	96	95	105
240-6661-35	WG-12616-120711-DN-36	121	96	96	107
240-6661-36	WG-12616-120711-DN-37	111	87	90	103
240-6661-37	WG-12616-120611-DN-38	112	89	91	103
240-6661-38	RB-12616-120211-DN-39	118	91	93	104
240-6661-39	RB-12616-120711-DN-40	115	87	89	104
240-6661-40	TB-120711-01	115	89	90	104
LCS 240-26569/4	Lab Control Sample	114	115	98	100
LCS 240-26699/4	Lab Control Sample	115	115	103	99
LCS 240-26857/4	Lab Control Sample	105	105	96	95
MB 240-26569/5	Method Blank	114	97	91	97
MB 240-26699/5	Method Blank	115	100	98	100
MB 240-26857/5	Method Blank	105	93	90	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-26569/5
Matrix: Water
Analysis Batch: 26569

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 09:31	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 09:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 09:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 09:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 09:31	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 09:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 09:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/13/11 09:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 09:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 09:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 09:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 09:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 09:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 09:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 09:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 09:31	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 09:31	1
Methylene Chloride	2.04		1.0	0.33	ug/L			12/13/11 09:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 09:31	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 09:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 09:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 09:31	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 09:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 09:31	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 09:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 09:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 09:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 09:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 09:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 09:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 09:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 09:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 09:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 09:31	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 09:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 09:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 09:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 09:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 09:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 09:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 09:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-26569/5
Matrix: Water
Analysis Batch: 26569

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 129*		*12/13/11 09:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*66 - 117*		*12/13/11 09:31*	*1*
Toluene-d8 (Surr)	*91*		*74 - 115*		*12/13/11 09:31*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 121*		*12/13/11 09:31*	*1*

Lab Sample ID: LCS 240-26569/4
Matrix: Water
Analysis Batch: 26569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	24.3		ug/L		122	43 - 136
Benzene	10.0	11.1		ug/L		111	83 - 112
Dichlorobromomethane	10.0	10.2		ug/L		102	72 - 121
Bromoform	10.0	8.96		ug/L		90	40 - 131
Bromomethane	10.0	6.02		ug/L		60	11 - 185
2-Butanone (MEK)	20.0	20.0		ug/L		100	60 - 126
Carbon disulfide	10.0	10.4		ug/L		104	62 - 142
Carbon tetrachloride	10.0	10.5		ug/L		105	66 - 128
Chlorobenzene	10.0	10.2		ug/L		102	85 - 110
Chloroethane	10.0	6.95		ug/L		70	25 - 153
Chloroform	10.0	12.1	*	ug/L		121	79 - 117
Chloromethane	10.0	8.41		ug/L		84	44 - 126
1,1-Dichloroethane	10.0	11.5		ug/L		115	82 - 115
1,2-Dichloroethane	10.0	12.1		ug/L		121	71 - 127
1,1-Dichloroethene	10.0	11.0		ug/L		110	78 - 131
1,2-Dichloropropane	10.0	10.6		ug/L		106	81 - 115
cis-1,3-Dichloropropene	10.0	8.39		ug/L		84	61 - 115
trans-1,3-Dichloropropene	10.0	9.13		ug/L		91	58 - 117
Ethylbenzene	10.0	10.2		ug/L		102	83 - 112
2-Hexanone	20.0	20.2		ug/L		101	55 - 133
Methylene Chloride	10.0	13.0		ug/L		130	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.3		ug/L		102	63 - 128
Styrene	10.0	9.86		ug/L		99	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.6		ug/L		106	68 - 118
Tetrachloroethene	10.0	10.1		ug/L		101	79 - 114
Toluene	10.0	10.5		ug/L		105	84 - 111
Trichloroethene	10.0	9.56		ug/L		96	76 - 117
Vinyl chloride	10.0	6.59		ug/L		66	53 - 127
Xylenes, Total	30.0	31.2		ug/L		104	83 - 112
1,1,1-Trichloroethane	10.0	10.3		ug/L		103	74 - 118
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 112
Cyclohexane	10.0	9.93		ug/L		99	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	10.0		ug/L		100	42 - 136
Ethylene Dibromide	10.0	10.5		ug/L		105	79 - 113
Dichlorodifluoromethane	10.0	5.26		ug/L		53	19 - 129
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	80 - 113
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	83 - 117
Isopropylbenzene	10.0	10.7		ug/L		107	75 - 114
Methyl acetate	10.0	12.0		ug/L		120	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-26569/4
Matrix: Water
Analysis Batch: 26569

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	10.4		ug/L		104	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.9		ug/L		109	74 - 151
1,2,4-Trichlorobenzene	10.0	9.54		ug/L		95	48 - 135
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	81 - 110
1,3-Dichlorobenzene	10.0	9.76		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	9.68		ug/L		97	82 - 110
Trichlorofluoromethane	10.0	7.71		ug/L		77	49 - 157
Chlorodibromomethane	10.0	9.43		ug/L		94	64 - 119
Methylcyclohexane	10.0	9.73		ug/L		97	56 - 127
m-Xylene & p-Xylene	20.0	20.8		ug/L		104	83 - 113
o-Xylene	10.0	10.4		ug/L		104	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 129*
4-Bromofluorobenzene (Surr)	*115*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

Lab Sample ID: 240-6661-15 MS
Matrix: Water
Analysis Batch: 26569

Client Sample ID: WG-12616-120511-DN-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	23.7		ug/L		119	33 - 145
Benzene	1.0	U	10.0	11.4		ug/L		114	72 - 121
Dichlorobromomethane	1.0	U	10.0	10.5		ug/L		105	67 - 120
Bromoform	1.0	U	10.0	8.80		ug/L		88	32 - 128
Bromomethane	1.0	U	10.0	5.18		ug/L		52	10 - 186
2-Butanone (MEK)	10	U	20.0	20.5		ug/L		103	54 - 129
Carbon disulfide	1.0	U	10.0	10.3		ug/L		103	57 - 147
Carbon tetrachloride	1.0	U	10.0	10.2		ug/L		102	59 - 129
Chlorobenzene	1.0	U	10.0	10.3		ug/L		103	80 - 110
Chloroethane	1.0	U	10.0	6.63		ug/L		66	21 - 165
Chloroform	1.0	U *	10.0	12.1	F	ug/L		121	76 - 118
Chloromethane	1.0	U	10.0	7.54		ug/L		75	33 - 132
1,1-Dichloroethane	1.0	U	10.0	11.4		ug/L		114	79 - 116
1,2-Dichloroethane	1.0	U	10.0	12.5		ug/L		125	68 - 129
1,1-Dichloroethene	1.0	U	10.0	10.9		ug/L		109	74 - 135
1,2-Dichloropropane	1.0	U	10.0	10.5		ug/L		105	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	8.02		ug/L		80	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	9.36		ug/L		94	46 - 116
Ethylbenzene	1.0	U	10.0	10.1		ug/L		101	75 - 116
2-Hexanone	10	U	20.0	21.0		ug/L		105	47 - 139
Methylene Chloride	1.0	U	10.0	10.7		ug/L		107	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.1		ug/L		101	56 - 131
Styrene	1.0	U	10.0	9.48		ug/L		95	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	11.0		ug/L		110	63 - 122
Tetrachloroethene	1.0	U	10.0	10.1		ug/L		101	70 - 117
Toluene	1.0	U	10.0	10.7		ug/L		107	78 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-6661-15 MS
Matrix: Water
Analysis Batch: 26569

Client Sample ID: WG-12616-120511-DN-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	1.0	U	10.0	9.53		ug/L		95	66 - 120
Vinyl chloride	1.0	U	10.0	6.49		ug/L		65	49 - 130
Xylenes, Total	2.0	U	30.0	30.9		ug/L		103	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	10.0		ug/L		100	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	11.0		ug/L		110	75 - 115
Cyclohexane	1.0	U	10.0	9.91		ug/L		99	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	10.2		ug/L		102	32 - 139
Ethylene Dibromide	1.0	U	10.0	10.5		ug/L		105	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	5.16		ug/L		52	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.8		ug/L		108	80 - 119
Isopropylbenzene	1.0	U	10.0	10.5		ug/L		105	68 - 116
Methyl acetate	10	U	10.0	10.8		ug/L		108	47 - 130
Methyl tert-butyl ether	5.0	U	10.0	9.96		ug/L		100	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.9		ug/L		109	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	9.49		ug/L		95	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	10.0		ug/L		100	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	9.40		ug/L		94	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	9.24		ug/L		92	75 - 110
Trichlorofluoromethane	1.0	U	10.0	7.41		ug/L		74	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.62		ug/L		96	56 - 118
Methylcyclohexane	1.0	U	10.0	9.44		ug/L		94	49 - 127
m-Xylene & p-Xylene	2.0		20.0	20.5		ug/L		103	75 - 117
o-Xylene	1.0		10.0	10.4		ug/L		104	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 129*
4-Bromofluorobenzene (Surr)	*118*	*X*	*66 - 117*
Toluene-d8 (Surr)	*104*		*74 - 115*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

Lab Sample ID: 240-6661-15 MSD
Matrix: Water
Analysis Batch: 26569

Client Sample ID: WG-12616-120511-DN-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	23.1		ug/L		116	33 - 145	3	30
Benzene	1.0	U	10.0	11.0		ug/L		110	72 - 121	4	30
Dichlorobromomethane	1.0	U	10.0	10.3		ug/L		103	67 - 120	2	30
Bromoform	1.0	U	10.0	8.52		ug/L		85	32 - 128	3	30
Bromomethane	1.0	U	10.0	5.29		ug/L		53	10 - 186	2	30
2-Butanone (MEK)	10	U	20.0	20.9		ug/L		105	54 - 129	2	30
Carbon disulfide	1.0	U	10.0	9.88		ug/L		99	57 - 147	4	30
Carbon tetrachloride	1.0	U	10.0	10.2		ug/L		102	59 - 129	0	30
Chlorobenzene	1.0	U	10.0	10.0		ug/L		100	80 - 110	3	30
Chloroethane	1.0	U	10.0	6.47		ug/L		65	21 - 165	2	30
Chloroform	1.0	U *	10.0	11.7		ug/L		117	76 - 118	3	30
Chloromethane	1.0	U	10.0	7.17		ug/L		72	33 - 132	5	30
1,1-Dichloroethane	1.0	U	10.0	11.2		ug/L		112	79 - 116	2	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-6661-15 MSD
Matrix: Water
Analysis Batch: 26569

Client Sample ID: WG-12616-120511-DN-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	1.0	U	10.0	12.2		ug/L		122	68 - 129	2	30
1,1-Dichloroethene	1.0	U	10.0	10.6		ug/L		106	74 - 135	3	30
1,2-Dichloropropane	1.0	U	10.0	10.5		ug/L		105	78 - 115	0	30
cis-1,3-Dichloropropene	1.0	U	10.0	8.26		ug/L		83	51 - 110	3	30
trans-1,3-Dichloropropene	1.0	U	10.0	9.39		ug/L		94	46 - 116	0	30
Ethylbenzene	1.0	U	10.0	9.79		ug/L		98	75 - 116	3	30
2-Hexanone	10	U	20.0	21.7		ug/L		109	47 - 139	3	30
Methylene Chloride	1.0	U	10.0	10.3		ug/L		103	63 - 128	4	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.4		ug/L		102	56 - 131	1	30
Styrene	1.0	U	10.0	9.18		ug/L		92	71 - 117	3	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.7		ug/L		107	63 - 122	3	30
Tetrachloroethene	1.0	U	10.0	10.1		ug/L		101	70 - 117	0	30
Toluene	1.0	U	10.0	10.4		ug/L		104	78 - 114	3	30
Trichloroethene	1.0	U	10.0	9.30		ug/L		93	66 - 120	2	30
Vinyl chloride	1.0	U	10.0	6.42		ug/L		64	49 - 130	1	30
Xylenes, Total	2.0	U	30.0	30.0		ug/L		100	76 - 116	3	30
1,1,1-Trichloroethane	1.0	U	10.0	9.85		ug/L		99	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	10.5		ug/L		105	75 - 115	5	30
Cyclohexane	1.0	U	10.0	10.3		ug/L		103	49 - 123	4	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	10.8		ug/L		108	32 - 139	6	30
Ethylene Dibromide	1.0	U	10.0	10.5		ug/L		105	74 - 113	0	30
Dichlorodifluoromethane	1.0	U	10.0	5.08		ug/L		51	17 - 128	2	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.2		ug/L		102	70 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.7		ug/L		107	80 - 119	1	30
Isopropylbenzene	1.0	U	10.0	10.4		ug/L		104	68 - 116	1	30
Methyl acetate	10	U	10.0	11.0		ug/L		110	47 - 130	2	30
Methyl tert-butyl ether	5.0	U	10.0	9.95		ug/L		100	46 - 144	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	10.9		ug/L		109	70 - 152	0	30
1,2,4-Trichlorobenzene	1.0	U	10.0	10.6		ug/L		106	38 - 138	11	30
1,2-Dichlorobenzene	1.0	U	10.0	10.1		ug/L		101	75 - 111	1	30
1,3-Dichlorobenzene	1.0	U	10.0	9.62		ug/L		96	73 - 110	2	30
1,4-Dichlorobenzene	1.0	U	10.0	9.44		ug/L		94	75 - 110	2	30
Trichlorofluoromethane	1.0	U	10.0	7.24		ug/L		72	46 - 157	2	30
Chlorodibromomethane	1.0	U	10.0	9.46		ug/L		95	56 - 118	2	30
Methylcyclohexane	1.0	U	10.0	10.1		ug/L		101	49 - 127	7	30
m-Xylene & p-Xylene	2.0		20.0	20.0		ug/L		100	75 - 117	2	30
o-Xylene	1.0		10.0	10.0		ug/L		100	76 - 116	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*116*		*63 - 129*
4-Bromofluorobenzene (Surr)	*115*		*66 - 117*
Toluene-d8 (Surr)	*102*		*74 - 115*
Dibromofluoromethane (Surr)	*100*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-26699/5
Matrix: Water
Analysis Batch: 26699

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/13/11 19:50	1
Benzene	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/13/11 19:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/13/11 19:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/13/11 19:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/13/11 19:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 19:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/13/11 19:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/13/11 19:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/13/11 19:50	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/13/11 19:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 19:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 19:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/13/11 19:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/13/11 19:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/13/11 19:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/13/11 19:50	1
2-Hexanone	10	U	10	0.41	ug/L			12/13/11 19:50	1
Methylene Chloride	0.964	J	1.0	0.33	ug/L			12/13/11 19:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/13/11 19:50	1
Styrene	1.0	U	1.0	0.11	ug/L			12/13/11 19:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/13/11 19:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/13/11 19:50	1
Toluene	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 19:50	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/13/11 19:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/13/11 19:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/13/11 19:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/13/11 19:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/13/11 19:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/13/11 19:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/13/11 19:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/13/11 19:50	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/13/11 19:50	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/13/11 19:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
Methyl acetate	10	U	10	0.38	ug/L			12/13/11 19:50	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/13/11 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/13/11 19:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			12/13/11 19:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/13/11 19:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/13/11 19:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/13/11 19:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/13/11 19:50	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-26699/5
Matrix: Water
Analysis Batch: 26699

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 129*		*12/13/11 19:50*	*1*
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*		*12/13/11 19:50*	*1*
Toluene-d8 (Surr)	*98*		*74 - 115*		*12/13/11 19:50*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 121*		*12/13/11 19:50*	*1*

Lab Sample ID: LCS 240-26699/4
Matrix: Water
Analysis Batch: 26699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	24.8		ug/L		124	43 - 136
Benzene	10.0	11.4	*	ug/L		114	83 - 112
Dichlorobromomethane	10.0	10.5		ug/L		105	72 - 121
Bromoform	10.0	8.58		ug/L		86	40 - 131
Bromomethane	10.0	5.89		ug/L		59	11 - 185
2-Butanone (MEK)	20.0	21.7		ug/L		109	60 - 126
Carbon disulfide	10.0	10.2		ug/L		102	62 - 142
Carbon tetrachloride	10.0	10.4		ug/L		104	66 - 128
Chlorobenzene	10.0	10.5		ug/L		105	85 - 110
Chloroethane	10.0	6.85		ug/L		69	25 - 153
Chloroform	10.0	12.0	*	ug/L		120	79 - 117
Chloromethane	10.0	7.30		ug/L		73	44 - 126
1,1-Dichloroethane	10.0	11.7	*	ug/L		117	82 - 115
1,2-Dichloroethane	10.0	12.4		ug/L		124	71 - 127
1,1-Dichloroethene	10.0	11.0		ug/L		110	78 - 131
1,2-Dichloropropane	10.0	10.9		ug/L		109	81 - 115
cis-1,3-Dichloropropene	10.0	8.89		ug/L		89	61 - 115
trans-1,3-Dichloropropene	10.0	9.81		ug/L		98	58 - 117
Ethylbenzene	10.0	10.1		ug/L		101	83 - 112
2-Hexanone	20.0	21.8		ug/L		109	55 - 133
Methylene Chloride	10.0	11.6		ug/L		116	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	21.3		ug/L		107	63 - 128
Styrene	10.0	9.72		ug/L		97	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.9		ug/L		109	68 - 118
Tetrachloroethene	10.0	10.3		ug/L		103	79 - 114
Toluene	10.0	10.8		ug/L		108	84 - 111
Trichloroethene	10.0	9.90		ug/L		99	76 - 117
Vinyl chloride	10.0	6.67		ug/L		67	53 - 127
Xylenes, Total	30.0	31.1		ug/L		104	83 - 112
1,1,1-Trichloroethane	10.0	10.2		ug/L		102	74 - 118
1,1,2-Trichloroethane	10.0	11.2		ug/L		112	80 - 112
Cyclohexane	10.0	10.6		ug/L		106	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	10.7		ug/L		107	42 - 136
Ethylene Dibromide	10.0	10.8		ug/L		108	79 - 113
Dichlorodifluoromethane	10.0	5.37		ug/L		54	19 - 129
cis-1,2-Dichloroethene	10.0	10.6		ug/L		106	80 - 113
trans-1,2-Dichloroethene	10.0	11.0		ug/L		110	83 - 117
Isopropylbenzene	10.0	10.7		ug/L		107	75 - 114
Methyl acetate	10.0	12.6		ug/L		126	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-26699/4
Matrix: Water
Analysis Batch: 26699

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	10.7		ug/L		107	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.2		ug/L		112	74 - 151
1,2,4-Trichlorobenzene	10.0	9.76		ug/L		98	48 - 135
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	81 - 110
1,3-Dichlorobenzene	10.0	9.71		ug/L		97	80 - 110
1,4-Dichlorobenzene	10.0	9.54		ug/L		95	82 - 110
Trichlorofluoromethane	10.0	7.66		ug/L		77	49 - 157
Chlorodibromomethane	10.0	9.88		ug/L		99	64 - 119
Methylcyclohexane	10.0	10.3		ug/L		103	56 - 127
m-Xylene & p-Xylene	20.0	20.6		ug/L		103	83 - 113
o-Xylene	10.0	10.5		ug/L		105	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 129*
4-Bromofluorobenzene (Surr)	*115*		*66 - 117*
Toluene-d8 (Surr)	*103*		*74 - 115*
Dibromofluoromethane (Surr)	*99*		*75 - 121*

Lab Sample ID: MB 240-26857/5
Matrix: Water
Analysis Batch: 26857

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			12/14/11 14:45	1
Benzene	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			12/14/11 14:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			12/14/11 14:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			12/14/11 14:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			12/14/11 14:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			12/14/11 14:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			12/14/11 14:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			12/14/11 14:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			12/14/11 14:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			12/14/11 14:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 14:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 14:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			12/14/11 14:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			12/14/11 14:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			12/14/11 14:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			12/14/11 14:45	1
2-Hexanone	10	U	10	0.41	ug/L			12/14/11 14:45	1
Methylene Chloride	1.48		1.0	0.33	ug/L			12/14/11 14:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			12/14/11 14:45	1
Styrene	1.0	U	1.0	0.11	ug/L			12/14/11 14:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			12/14/11 14:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			12/14/11 14:45	1
Toluene	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-26857/5
Matrix: Water
Analysis Batch: 26857

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 14:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			12/14/11 14:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			12/14/11 14:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			12/14/11 14:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			12/14/11 14:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			12/14/11 14:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			12/14/11 14:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			12/14/11 14:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			12/14/11 14:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			12/14/11 14:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			12/14/11 14:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1
Methyl acetate	10	U	10	0.38	ug/L			12/14/11 14:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			12/14/11 14:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			12/14/11 14:45	1
1,2,4-Trichlorobenzene	0.307	J	1.0	0.15	ug/L			12/14/11 14:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			12/14/11 14:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			12/14/11 14:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			12/14/11 14:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			12/14/11 14:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*		*12/14/11 14:45*	*1*
4-Bromofluorobenzene (Surr)	*93*		*66 - 117*		*12/14/11 14:45*	*1*
Toluene-d8 (Surr)	*90*		*74 - 115*		*12/14/11 14:45*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*12/14/11 14:45*	*1*

Lab Sample ID: LCS 240-26857/4
Matrix: Water
Analysis Batch: 26857

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.7		ug/L		99	43 - 136
Benzene	10.0	10.8		ug/L		108	83 - 112
Dichlorobromomethane	10.0	10.1		ug/L		101	72 - 121
Bromoform	10.0	8.74		ug/L		87	40 - 131
Bromomethane	10.0	4.70		ug/L		47	11 - 185
2-Butanone (MEK)	20.0	25.8	*	ug/L		129	60 - 126
Carbon disulfide	10.0	10.2		ug/L		102	62 - 142
Carbon tetrachloride	10.0	10.3		ug/L		103	66 - 128
Chlorobenzene	10.0	9.74		ug/L		97	85 - 110
Chloroethane	10.0	6.58		ug/L		66	25 - 153
Chloroform	10.0	10.9		ug/L		109	79 - 117
Chloromethane	10.0	9.52		ug/L		95	44 - 126
1,1-Dichloroethane	10.0	11.9	*	ug/L		119	82 - 115
1,2-Dichloroethane	10.0	12.1		ug/L		121	71 - 127
1,1-Dichloroethene	10.0	8.46		ug/L		85	78 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-26857/4
Matrix: Water
Analysis Batch: 26857

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	10.0	11.7	*	ug/L		117	81 - 115
cis-1,3-Dichloropropene	10.0	9.40		ug/L		94	61 - 115
trans-1,3-Dichloropropene	10.0	9.30		ug/L		93	58 - 117
Ethylbenzene	10.0	9.75		ug/L		98	83 - 112
2-Hexanone	20.0	24.7		ug/L		124	55 - 133
Methylene Chloride	10.0	11.4		ug/L		114	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	26.6	*	ug/L		133	63 - 128
Styrene	10.0	9.22		ug/L		92	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.99		ug/L		100	68 - 118
Tetrachloroethene	10.0	9.86		ug/L		99	79 - 114
Toluene	10.0	10.3		ug/L		103	84 - 111
Trichloroethene	10.0	10.2		ug/L		102	76 - 117
Vinyl chloride	10.0	7.07		ug/L		71	53 - 127
Xylenes, Total	30.0	29.3		ug/L		98	83 - 112
1,1,1-Trichloroethane	10.0	9.64		ug/L		96	74 - 118
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	80 - 112
Cyclohexane	10.0	12.1		ug/L		121	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	11.1		ug/L		111	42 - 136
Ethylene Dibromide	10.0	10.1		ug/L		101	79 - 113
Dichlorodifluoromethane	10.0	6.91		ug/L		69	19 - 129
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 113
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	83 - 117
Isopropylbenzene	10.0	10.3		ug/L		103	75 - 114
Methyl acetate	10.0	14.3	*	ug/L		143	58 - 131
Methyl tert-butyl ether	10.0	10.2		ug/L		102	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.32		ug/L		93	74 - 151
1,2,4-Trichlorobenzene	10.0	9.43		ug/L		94	48 - 135
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	81 - 110
1,3-Dichlorobenzene	10.0	9.88		ug/L		99	80 - 110
1,4-Dichlorobenzene	10.0	9.57		ug/L		96	82 - 110
Trichlorofluoromethane	10.0	7.17		ug/L		72	49 - 157
Chlorodibromomethane	10.0	9.65		ug/L		97	64 - 119
Methylcyclohexane	10.0	10.1		ug/L		101	56 - 127
m-Xylene & p-Xylene	20.0	19.5		ug/L		98	83 - 113
o-Xylene	10.0	9.81		ug/L		98	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*96*		*74 - 115*
Dibromofluoromethane (Surr)	*95*		*75 - 121*

GC/MS VOA

Analysis Batch: 26569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-6661-1	WG-12616-113011-DN-01	Total/NA	Water	8260B	
240-6661-2	WG-12616-120111-DN-02	Total/NA	Water	8260B	
240-6661-3	WG-12616-120111-DN-03	Total/NA	Water	8260B	
240-6661-4	WG-12616-120111-DN-04	Total/NA	Water	8260B	
240-6661-5	WG-12616-120111-DN-05	Total/NA	Water	8260B	
240-6661-6	WG-12616-120111-DN-06	Total/NA	Water	8260B	
240-6661-7	WG-12616-120111-DN-07	Total/NA	Water	8260B	
240-6661-8	WG-12616-120211-DN-09	Total/NA	Water	8260B	
240-6661-9	WG-12616-120211-DN-10	Total/NA	Water	8260B	
240-6661-10	WG-12616-120211-DN-11	Total/NA	Water	8260B	
240-6661-11	WG-12616-120211-DN-12	Total/NA	Water	8260B	
240-6661-12	WG-12616-120211-DN-13	Total/NA	Water	8260B	
240-6661-13	WG-12616-120211-DN-14	Total/NA	Water	8260B	
240-6661-14	WG-12616-120211-DN-15	Total/NA	Water	8260B	
240-6661-15	WG-12616-120511-DN-16	Total/NA	Water	8260B	
240-6661-15 MS	WG-12616-120511-DN-16	Total/NA	Water	8260B	
240-6661-15 MSD	WG-12616-120511-DN-16	Total/NA	Water	8260B	
240-6661-16	WG-12616-120511-DN-17	Total/NA	Water	8260B	
240-6661-17	WG-12616-120511-DN-18	Total/NA	Water	8260B	
240-6661-18	WG-12616-120511-DN-19	Total/NA	Water	8260B	
240-6661-19	WG-12616-120611-DN-20	Total/NA	Water	8260B	
240-6661-20	WG-12616-120611-DN-21	Total/NA	Water	8260B	
LCS 240-26569/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-26569/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 26699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-6661-21	WG-12616-120611-DN-22	Total/NA	Water	8260B	
240-6661-22	WG-12616-120611-DN-23	Total/NA	Water	8260B	
240-6661-23	WG-12616-120611-DN-24	Total/NA	Water	8260B	
240-6661-24	WG-12616-120611-DN-25	Total/NA	Water	8260B	
240-6661-25	WG-12616-120611-DN-26	Total/NA	Water	8260B	
240-6661-27	WG-12616-120611-DN-28	Total/NA	Water	8260B	
240-6661-28	WG-12616-120611-DN-29	Total/NA	Water	8260B	
240-6661-29	WG-12616-120711-DN-30	Total/NA	Water	8260B	
240-6661-31	WG-12616-120711-DN-32	Total/NA	Water	8260B	
240-6661-32	WG-12616-120711-DN-33	Total/NA	Water	8260B	
240-6661-33	WG-12616-120711-DN-34	Total/NA	Water	8260B	
240-6661-34	WG-12616-120711-DN-35	Total/NA	Water	8260B	
240-6661-35	WG-12616-120711-DN-36	Total/NA	Water	8260B	
240-6661-38	RB-12616-120211-DN-39	Total/NA	Water	8260B	
LCS 240-26699/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-26699/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 26857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-6661-26	WG-12616-120611-DN-27	Total/NA	Water	8260B	
240-6661-30	WG-12616-120711-DN-31	Total/NA	Water	8260B	
240-6661-36	WG-12616-120711-DN-37	Total/NA	Water	8260B	
240-6661-37	WG-12616-120611-DN-38	Total/NA	Water	8260B	
240-6661-39	RB-12616-120711-DN-40	Total/NA	Water	8260B	
240-6661-40	TB-120711-01	Total/NA	Water	8260B	

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

GC/MS VOA (Continued)

Analysis Batch: 26857 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-26857/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-26857/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-113011-DN-01 — **Lab Sample ID: 240-6661-1**
Date Collected: 11/30/11 18:00 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 10:33	RQ	TAL NC

Client Sample ID: WG-12616-120111-DN-02 — **Lab Sample ID: 240-6661-2**
Date Collected: 12/01/11 08:40 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 10:54	RQ	TAL NC

Client Sample ID: WG-12616-120111-DN-03 — **Lab Sample ID: 240-6661-3**
Date Collected: 12/01/11 10:15 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 11:16	RQ	TAL NC

Client Sample ID: WG-12616-120111-DN-04 — **Lab Sample ID: 240-6661-4**
Date Collected: 12/01/11 12:15 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 11:37	RQ	TAL NC

Client Sample ID: WG-12616-120111-DN-05 — **Lab Sample ID: 240-6661-5**
Date Collected: 12/01/11 13:35 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 11:59	RQ	TAL NC

Client Sample ID: WG-12616-120111-DN-06 — **Lab Sample ID: 240-6661-6**
Date Collected: 12/01/11 15:05 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 12:20	RQ	TAL NC

Client Sample ID: WG-12616-120111-DN-07 — **Lab Sample ID: 240-6661-7**
Date Collected: 12/01/11 16:20 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 12:42	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-09 — **Lab Sample ID: 240-6661-8**
Date Collected: 12/02/11 09:15 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 13:03	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-10 — **Lab Sample ID: 240-6661-9**
Date Collected: 12/02/11 11:20 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 13:25	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-11 — **Lab Sample ID: 240-6661-10**
Date Collected: 12/02/11 11:55 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 13:46	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-12 — **Lab Sample ID: 240-6661-11**
Date Collected: 12/02/11 13:30 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 14:07	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-13 — **Lab Sample ID: 240-6661-12**
Date Collected: 12/02/11 15:30 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 14:29	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-14 — **Lab Sample ID: 240-6661-13**
Date Collected: 12/02/11 16:55 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 14:50	RQ	TAL NC

Client Sample ID: WG-12616-120211-DN-15 — **Lab Sample ID: 240-6661-14**
Date Collected: 12/02/11 17:45 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 15:11	RQ	TAL NC

Client Sample ID: WG-12616-120511-DN-16 — **Lab Sample ID: 240-6661-15**
Date Collected: 12/05/11 14:50 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 10:12	RQ	TAL NC

Client Sample ID: WG-12616-120511-DN-17 — **Lab Sample ID: 240-6661-16**
Date Collected: 12/05/11 16:10 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 15:33	RQ	TAL NC

Client Sample ID: WG-12616-120511-DN-18 — **Lab Sample ID: 240-6661-17**
Date Collected: 12/05/11 17:15 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 15:54	RQ	TAL NC

Client Sample ID: WG-12616-120511-DN-19 — **Lab Sample ID: 240-6661-18**
Date Collected: 12/05/11 17:50 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 16:16	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-20 — **Lab Sample ID: 240-6661-19**
Date Collected: 12/06/11 08:25 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 16:37	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-21 — **Lab Sample ID: 240-6661-20**
Date Collected: 12/06/11 09:30 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26569	12/13/11 16:59	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-22 — **Lab Sample ID: 240-6661-21**
Date Collected: 12/06/11 10:35 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/13/11 22:20	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-23 — **Lab Sample ID: 240-6661-22**
Date Collected: 12/06/11 11:55 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/13/11 22:42	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-24 — **Lab Sample ID: 240-6661-23**
Date Collected: 12/06/11 12:40 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/13/11 23:03	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-25 — **Lab Sample ID: 240-6661-24**
Date Collected: 12/06/11 14:40 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/13/11 23:25	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-26 — **Lab Sample ID: 240-6661-25**
Date Collected: 12/06/11 15:05 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/13/11 23:47	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-27 — **Lab Sample ID: 240-6661-26**
Date Collected: 12/06/11 16:10 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	26857	12/14/11 19:03	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-28 — **Lab Sample ID: 240-6661-27**
Date Collected: 12/06/11 17:10 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 00:08	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-29 — **Lab Sample ID: 240-6661-28**
Date Collected: 12/06/11 17:50 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 00:29	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-30 — **Lab Sample ID: 240-6661-29**
Date Collected: 12/07/11 08:20 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 00:50	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-31 — **Lab Sample ID: 240-6661-30**
Date Collected: 12/07/11 09:40 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	26857	12/14/11 19:25	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-32 — **Lab Sample ID: 240-6661-31**
Date Collected: 12/07/11 12:40 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 01:12	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-33 — **Lab Sample ID: 240-6661-32**
Date Collected: 12/07/11 13:40 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 01:34	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-34 — **Lab Sample ID: 240-6661-33**
Date Collected: 12/07/11 14:55 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 01:55	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-35 — **Lab Sample ID: 240-6661-34**
Date Collected: 12/07/11 15:55 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 02:17	RQ	TAL NC

Client Sample ID: WG-12616-120711-DN-36 — **Lab Sample ID: 240-6661-35**
Date Collected: 12/07/11 16:30 — **Matrix: Water**
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 02:38	RQ	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Client Sample ID: WG-12616-120711-DN-37

Lab Sample ID: 240-6661-36

Date Collected: 12/07/11 17:20
Matrix: Water
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26857	12/14/11 19:46	RQ	TAL NC

Client Sample ID: WG-12616-120611-DN-38

Lab Sample ID: 240-6661-37

Date Collected: 12/06/11 16:05
Matrix: Water
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26857	12/14/11 20:08	RQ	TAL NC

Client Sample ID: RB-12616-120211-DN-39

Lab Sample ID: 240-6661-38

Date Collected: 12/02/11 18:00
Matrix: Water
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26699	12/14/11 03:00	RQ	TAL NC

Client Sample ID: RB-12616-120711-DN-40

Lab Sample ID: 240-6661-39

Date Collected: 12/07/11 16:00
Matrix: Water
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26857	12/14/11 20:29	RQ	TAL NC

Client Sample ID: TB-120711-01

Lab Sample ID: 240-6661-40

Date Collected: 12/07/11 00:00
Matrix: Water
Date Received: 12/08/11 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	26857	12/14/11 20:50	RQ	TAL NC

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-6661-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No:
Address:	Telephone:	Telephone:	Telephone:	1 of 4 COCs
City/State/Zip: Sandusky OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Elyria LF	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup ☐ Lab sampling ☐
Project Number: 12616-TOZ	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/ Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WG-12616-113011-DN-01	11.30.11	1800		X						X							✓	
WG-12616-120111-DN-02	12.1.11	0840		X						X							✓	
03		1015		X						X							✓	
04		1215		X						X							✓	
05		1335		X						X							✓	
06		1505		X						X							✓	
07		1620		X						X							✓	
WG-12616-120211-DN-09	12.2.11	0915		X						X							✓	
10		1120		X						X							✓	
11		1155		X						X							✓	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: No sample "08" submitted

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Dan Newton	CRA	12-7-11 / 1830			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			Greg Burns	TA	12/8/11 945

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D Hockler	COC No:
Address:	Telephone:	Telephone:	Telephone:	2 of 4 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Elyria LF	Method of Shipment/Carrier: FedEx	☐ 3 weeks		Lab pickup ☐
Project Number: 12616-T02	Shipping/Tracking No:	☒ 2 weeks		Lab sampling ☐
PO #		☐ 1 week		Job/SDG No:
		☐ 2 days		
		☐ 1 day		

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WG-12616-120211-DN-12	1330	12.2.11		✓						✓							✓	
13	1530	↓		✓						✓							✓	
14	1655			✓						✓							✓	
15	1745			✓						✓							✓	
WG-12616-120511-DN-16	1450	12.5.11		✓						✓							✓	MS/MSD
17	1610	↓		✓						✓							✓	
18	1715			✓						✓							✓	
19	1750			✓						✓							✓	
WG-12616-120611-DN-20	0825	12.6.11		✓						✓							✓	
11 11 21	0930	↓		✓						✓							✓	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by: Don Newton	Company: CRA	Date/Time: 12.7.11 / 1830	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: Terry Burns	Company: TA	Date/Time: 12/8/11 945

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TAL-0018 (1008)

12/16/2011

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Heckler	Lab Contact: D. Heckler	COC No:
Address:	Telephone:	Telephone:	Telephone:	3 of 4 COCs
City/State/Zip: Sandusky OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Elyria LF	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup ☐
Project Number: 12616-TO2	Shipping/Tracking No:			Lab sampling ☐
PO #				Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WG-12616-120611-DN-22	1035	12.6.11		✓						✓							✓	
23	1155			✓						✓							✓	
24	1240			✓						✓							✓	
25	1440			✓						✓							✓	
26	1505			✓						✓							✓	
27	1610			✓						✓							✓	
28	1710			✓						✓							✓	
29	1750			✓						✓							✓	
WG-12616-120711-DN-30	0820	12.7.11		✓						✓							✓	
" " 31	0940	"		✓						✓							✓	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	12.7.11 / 1830			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			Terry Burns	TA	12/8/11 945

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TAL-0018 (1008)

12/16/2011

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D Newton	Lab Contact: D. Hockler	COC No:
Address:	Telephone:	Telephone:	Telephone:	4 of 4 COCs
City/State/Zip: Sandusky OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Elyria LF	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup ☐ Lab sampling ☐
Project Number: 12616-T02	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	VOCs	Sample Specific Notes / Special Instructions:
WB-12616-120711-DN-32	12-7-11	1240		✓						✓							✓	
33		1340		✓						✓							✓	
34		1455		✓						✓							✓	
35		1555		✓						✓							✓	
36		1630		✓						✓							✓	
37		1720		✓						✓							✓	
WB-12616-120611-DN-38	12-6-11	1605		✓						✓							✓	
RB-12616-120211-DN-39	12-2-11	1800		✓						✓							✓	
RB-12616-120711-DN-40	12-7-11	1600		✓						✓							✓	
TB-120711-01	—	—		✓						✓							✓	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

	Company	Date/Time		Company	Date/Time
Relinquished by: Don Newton	CRA	12-7-11 / 1830	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received in Laboratory by: Terry Burns	TA	12/8/11 945

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TAL-0018 (1008)

12/16/2011

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 6661
North Canton Facility

Client ORA Project Elyria LF By: Derry Burns
Cooler Received on 12/8/11 Opened on 12/8/11 (Signature)
FedEx UPS DHL FAS Stetson Client Drop Off TestAmerica Courier Other
TestAmerica Cooler # TA No# Multiple Coolers Foam Box Client Cooler Other

1. Were custody seals on the outside of the cooler(s)? Yes No Intact? Yes No NA
   If YES, Quantity 2 Quantity Unsalvageable
   Were custody seals on the outside of cooler(s) signed and dated? Yes No NA
   Were custody seals on the bottle(s)? Yes No
   If YES, are there any exceptions?
2. Shippers' packing slip attached to the cooler(s)? Yes No
3. Did custody papers accompany the sample(s)? Yes No Relinquished by client? Yes No
4. Were the custody papers signed in the appropriate place? Yes No
5. Packing material used: Bubble Wrap Foam None Other
6. Cooler temperature upon receipt 3.7 °C See back of form for multiple coolers/temps
   METHOD: IR Other
   COOLANT: Wet Ice Blue Ice Dry Ice Water None
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were sample(s) at the correct pH upon receipt? Yes No NA
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Were air bubbles >6 mm in any VOA vials? Yes No NA
12. Sufficient quantity received to perform indicated analyses? Yes No
13. Was a trip blank present in the cooler(s)? Yes No Were VOAs on the COC? Yes No

Contacted PM Date by via Verbal Voice Mail Other
Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 110410-HNO_3; Sulfuric Acid Lot# 041911-H_2SO_4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-*$(CH_3COO)_2ZN$/NaOH.* What time was preservative added to sample(s)?

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-6661-1

Login Number: 6661

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-7896-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
2/27/2012 1:35:56 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-7896-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-7896-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 01/24/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.5, 3.1C.

TCLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for TCLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 01/31/2012 and 02/02/2012 and analyzed on 02/01/2012 and 02/07/2012.

No difficulties were encountered during the VOCs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 01/30/2012.

1,2,4-Trichlorobenzene was detected in method blank MB 240-31943/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above

Job ID: 240-7896-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

the MDL and/or RL, the result has been “B” flagged.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

TCLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for TCLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1311/8270C. The samples were leached on 01/31/2012, prepared on 02/01/2012 and analyzed on 02/02/2012.

No difficulties were encountered during the SVOCs analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 01/25/2012 and analyzed on 01/27/2012.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-31311/18-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

2,4,6-Tribromophenol (Surr) failed the surrogate recovery criteria low for WG-12616-012312-DN-02 (240-7896-4). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

TCLP CHLORINATED PESTICIDES

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for TCLP chlorinated pesticides in accordance with EPA SW-846 Methods 1311/ 8081A. The samples were leached on 01/31/2012, and prepared and analyzed on 02/01/2012.

The opening and closing continuing calibration verifications (CCVs) for Technical Chlordane associated with batch 32235 were recovered above the upper control limit. The samples associated with these CCVs were not detected above the reporting limit for Technical Chlordane; therefore the data have been reported. S-12616-012312-DN-01 (240-7896-1), S-12616-012312-DN-02 (240-7896-2).

No difficulties were encountered during the pesticides analyses.

All quality control parameters were within the acceptance limits.

TCLP CHLORINATED HERBICIDES

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for TCLP chlorinated herbicides in accordance with EPA SW-846 Methods 1311/ 8151A. The samples were leached on 01/31/2012, prepared on 02/01/2012 and analyzed on 02/02/2012.

No difficulties were encountered during the herbicides analyses.

Job ID: 240-7896-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

All quality control parameters were within the acceptance limits.

TCLP METALS (ICP)

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/ 6010B. The samples were leached on 01/31/2012, prepared on 02/02/2012 and analyzed on 02/03/2012.

Barium, Lead and Selenium were detected in method blank LB 240-32073/1-D at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICP)

Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 02/03/2012 and 02/06/2012 and analyzed on 02/06/2012, 02/07/2012 and 02/08/2012.

Antimony was detected in method blank MB 240-32539/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Several analytes were detected in method blank MB 240-32539/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Antimony was detected in method blank MB 240-32809/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Several analytes were detected in method blank MB 240-32809/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM

Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 01/24/2012.

No difficulties were encountered during the hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

TCLP MERCURY

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 01/31/2012, prepared on 02/02/2012 and analyzed on 02/03/2012.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 02/03/2012.

No difficulties were encountered during the mercury analyses.

Job ID: 240-7896-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

All quality control parameters were within the acceptance limits.

FLASHPOINT
Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 01/26/2012.

No difficulties were encountered during the flashpoint analyses.

All quality control parameters were within the acceptance limits.

FLASHPOINT
Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for flashpoint in accordance with EPA SW-846 1010. The samples were analyzed on 01/26/2012.

No difficulties were encountered during the flashpoint analyses.

All quality control parameters were within the acceptance limits.

TOTAL AND AMENABLE CYANIDE
Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for total and amenable cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 01/31/2012.

Cyanide, Total was detected in method blank MB 240-32054/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the cyanide analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 01/25/2012.

No difficulties were encountered during the cyanide analyses.

All quality control parameters were within the acceptance limits.

SULFIDE
Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 01/25/2012.

No difficulties were encountered during the sulfide analyses.

All quality control parameters were within the acceptance limits.

SULFIDE
Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 01/25/2012.

No difficulties were encountered during the sulfide analyses.

All quality control parameters were within the acceptance limits.

Job ID: 240-7896-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

PH

Samples WG-12616-012312-DN-01 (240-7896-3) and WG-12616-012312-DN-02 (240-7896-4) were analyzed for pH in accordance with EPA SW-846 Method 9040C. The samples were analyzed past the method recommended 15 minute holding time on 01/24/2012.

No difficulties were encountered during the pH analyses.

All quality control parameters were within the acceptance limits.

PH

Samples S-12616-012312-DN-01 (240-7896-1) and S-12616-012312-DN-02 (240-7896-2) were analyzed for pH in accordance with EPA SW-846 Method 9045C. The samples were analyzed on 01/24/2012.

No difficulties were encountered during the pH analyses.

All quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NC
8081A	Organochlorine Pesticides (GC)	SW846	TAL NC
8151A	Herbicides (GC)	SW846	TAL NC
6010B	Metals (ICP)	SW846	TAL NC
7470A	Mercury (CVAA)	SW846	TAL NC
1010	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL NC
7196A	Chromium, Hexavalent	SW846	TAL NC
9012A	Cyanide, Total and/or Amenable	SW846	TAL NC
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL NC
9040C	pH	SW846	TAL NC
9045C	pH	SW846	TAL NC
Moisture	Percent Moisture	EPA	TAL NC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-7896-1	S-12616-012312-DN-01	Solid	01/23/12 14:00	01/24/12 09:30
240-7896-2	S-12616-012312-DN-02	Solid	01/23/12 14:20	01/24/12 09:30
240-7896-3	WG-12616-012312-DN-01	Water	01/23/12 15:00	01/24/12 09:30
240-7896-4	WG-12616-012312-DN-02	Water	01/23/12 15:30	01/24/12 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01 — Lab Sample ID: 240-7896-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0034	J	0.50	0.0032	mg/L	1		6010B	TCLP
Barium	0.63	J B	10	0.00067	mg/L	1		6010B	TCLP
Cadmium	0.0021	J	0.10	0.00066	mg/L	1		6010B	TCLP
Chromium	0.0028	J	0.50	0.0022	mg/L	1		6010B	TCLP
Selenium	0.0091	J B	0.25	0.0041	mg/L	1		6010B	TCLP
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Cyanide, Total	0.41	J B	0.63	0.13	mg/Kg	1	☼	9012A	Total/NA
Corrosivity	8.24		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: S-12616-012312-DN-02 — Lab Sample ID: 240-7896-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.75	J B	10	0.00067	mg/L	1		6010B	TCLP
Cadmium	0.0028	J	0.10	0.00066	mg/L	1		6010B	TCLP
Chromium	0.0034	J	0.50	0.0022	mg/L	1		6010B	TCLP
Selenium	0.0059	J B	0.25	0.0041	mg/L	1		6010B	TCLP
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Cyanide, Total	0.85	B	0.60	0.12	mg/Kg	1	☼	9012A	Total/NA
Corrosivity	8.27		0.100	0.100	SU	1		9045C	Total/NA

Client Sample ID: WG-12616-012312-DN-01 — Lab Sample ID: 240-7896-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	4.9	J B	200	0.67	ug/L	1		6010B	Total Recovera
Calcium	12000	B	5000	130	ug/L	1		6010B	Total Recovera
Chromium	5.9		5.0	2.2	ug/L	1		6010B	Total Recovera
Copper	5.6	J	25	4.5	ug/L	1		6010B	Total Recovera
Iron	11000		100	81	ug/L	1		6010B	Total Recovera
Potassium	870	J B	5000	72	ug/L	1		6010B	Total Recovera
Magnesium	5300	B	5000	34	ug/L	1		6010B	Total Recovera
Manganese	64	B	15	0.41	ug/L	1		6010B	Total Recovera
Sodium	19000		5000	590	ug/L	1		6010B	Total Recovera
Zinc	7.7	J B	50	5.0	ug/L	1		6010B	Total Recovera
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Sulfide	1.1	J	3.0	0.94	mg/L	1		9034	Total/NA
Corrosivity	8.2		0.10	0.10	SU	1		9040C	Total/NA

Client Sample ID: WG-12616-012312-DN-02 — Lab Sample ID: 240-7896-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.3	J	10	1.1	ug/L	1		8260B	Total/NA
Aluminum	99	J	200	97	ug/L	1		6010B	Total Recovera
Antimony	2.2	J B	10	1.8	ug/L	1		6010B	Total Recovera
Barium	4.3	J B	200	0.67	ug/L	1		6010B	Total Recovera
Calcium	11000	B	5000	130	ug/L	1		6010B	Total Recovera
Chromium	3.4	J	5.0	2.2	ug/L	1		6010B	Total Recovera
Iron	6300		100	81	ug/L	1		6010B	Total Recovera
Potassium	910	J B	5000	72	ug/L	1		6010B	Total Recovera
Magnesium	5900	B	5000	34	ug/L	1		6010B	Total Recovera
Manganese	47	B	15	0.41	ug/L	1		6010B	Total Recovera
Sodium	21000		5000	590	ug/L	1		6010B	Total Recovera
Flashpoint	>180		1.00	1.00	Degrees F	1		1010	Total/NA
Cr (VI)	0.0032	J	0.020	0.0020	mg/L	1		7196A	Total/NA
Sulfide	1.1	J	3.0	0.94	mg/L	1		9034	Total/NA

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02 (Continued) **Lab Sample ID: 240-7896-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity	8.0		0.10	0.10	SU	1		9040C	Total/NA

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			02/01/12 20:14	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			02/01/12 20:14	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			02/01/12 20:14	1
Benzene	0.025	U	0.025	0.0065	mg/L			02/01/12 20:14	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			02/01/12 20:14	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			02/01/12 20:14	1
Chloroform	0.025	U	0.025	0.0080	mg/L			02/01/12 20:14	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			02/01/12 20:14	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			02/01/12 20:14	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			02/01/12 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 121*		*02/01/12 20:14*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 124*		*02/01/12 20:14*	*1*
Toluene-d8 (Surr)	*108*		*90 - 115*		*02/01/12 20:14*	*1*
Dibromofluoromethane (Surr)	*98*		*84 - 128*		*02/01/12 20:14*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		02/01/12 08:35	02/02/12 21:06	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		02/01/12 08:35	02/02/12 21:06	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00080	mg/L		02/01/12 08:35	02/02/12 21:06	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00027	mg/L		02/01/12 08:35	02/02/12 21:06	1
Hexachlorobenzene	0.020	U	0.020	0.00010	mg/L		02/01/12 08:35	02/02/12 21:06	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		02/01/12 08:35	02/02/12 21:06	1
Hexachloroethane	0.020	U	0.020	0.00080	mg/L		02/01/12 08:35	02/02/12 21:06	1
3 & 4 Methylphenol	0.040	U	0.040	0.00075	mg/L		02/01/12 08:35	02/02/12 21:06	1
2-Methylphenol	0.0040	U	0.0040	0.00080	mg/L		02/01/12 08:35	02/02/12 21:06	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		02/01/12 08:35	02/02/12 21:06	1
Pentachlorophenol	0.040	U	0.040	0.0024	mg/L		02/01/12 08:35	02/02/12 21:06	1
Pyridine	0.020	U	0.020	0.00035	mg/L		02/01/12 08:35	02/02/12 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*68*		*22 - 110*	*02/01/12 08:35*	*02/02/12 21:06*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 110*	*02/01/12 08:35*	*02/02/12 21:06*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*17 - 117*	*02/01/12 08:35*	*02/02/12 21:06*	*1*
Nitrobenzene-d5 (Surr)	*72*		*29 - 111*	*02/01/12 08:35*	*02/02/12 21:06*	*1*
Phenol-d5 (Surr)	*69*		*10 - 110*	*02/01/12 08:35*	*02/02/12 21:06*	*1*
Terphenyl-d14 (Surr)	*82*		*40 - 119*	*02/01/12 08:35*	*02/02/12 21:06*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.012	U	0.012	0.000079	mg/L		02/01/12 08:39	02/01/12 23:01	1
Endrin	0.0012	U	0.0012	0.000026	mg/L		02/01/12 08:39	02/01/12 23:01	1
Heptachlor	0.0012	U	0.0012	0.000019	mg/L		02/01/12 08:39	02/01/12 23:01	1
Heptachlor epoxide	0.0012	U	0.0012	0.000017	mg/L		02/01/12 08:39	02/01/12 23:01	1
gamma-BHC (Lindane)	0.0012	U	0.0012	0.000015	mg/L		02/01/12 08:39	02/01/12 23:01	1
Methoxychlor	0.0024	U	0.0024	0.000077	mg/L		02/01/12 08:39	02/01/12 23:01	1
Toxaphene	0.048	U	0.048	0.00077	mg/L		02/01/12 08:39	02/01/12 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*46 - 122*	*02/01/12 08:39*	*02/01/12 23:01*	*1*
DCB Decachlorobiphenyl	*89*		*34 - 141*	*02/01/12 08:39*	*02/01/12 23:01*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0020	U	0.0020	0.00021	mg/L		02/01/12 08:31	02/02/12 18:48	1
Silvex (2,4,5-TP)	0.00050	U	0.00050	0.00010	mg/L		02/01/12 08:31	02/02/12 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*81*		*37 - 116*	*02/01/12 08:31*	*02/02/12 18:48*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0034**	**J**	0.50	0.0032	mg/L		02/02/12 06:06	02/03/12 12:42	1
Barium	**0.63**	**J B**	10	0.00067	mg/L		02/02/12 06:06	02/03/12 12:42	1
Cadmium	**0.0021**	**J**	0.10	0.00066	mg/L		02/02/12 06:06	02/03/12 12:42	1
Chromium	**0.0028**	**J**	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 12:42	1
Lead	0.50	U	0.50	0.0019	mg/L		02/02/12 06:06	02/03/12 12:42	1
Selenium	**0.0091**	**J B**	0.25	0.0041	mg/L		02/02/12 06:06	02/03/12 12:42	1
Silver	0.50	U	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 12:42	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		02/02/12 14:20	02/03/12 11:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-01
Date Collected: 01/23/12 14:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-1
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.00	1.00	Degrees F			01/26/12 12:28	1
Cyanide, Total	0.41	J B	0.63	0.13	mg/Kg	☼	01/31/12 11:35	01/31/12 14:59	1
Sulfide	37	U	37	27	mg/Kg	☼	01/25/12 10:01	01/25/12 15:06	1
Corrosivity	8.24		0.100	0.100	SU			01/24/12 14:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			02/07/12 02:35	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			02/07/12 02:35	1
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			02/07/12 02:35	1
Benzene	0.025	U	0.025	0.0065	mg/L			02/07/12 02:35	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			02/07/12 02:35	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			02/07/12 02:35	1
Chloroform	0.025	U	0.025	0.0080	mg/L			02/07/12 02:35	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			02/07/12 02:35	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			02/07/12 02:35	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			02/07/12 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 121*		*02/07/12 02:35*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 124*		*02/07/12 02:35*	*1*
Toluene-d8 (Surr)	*94*		*90 - 115*		*02/07/12 02:35*	*1*
Dibromofluoromethane (Surr)	*90*		*84 - 128*		*02/07/12 02:35*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		02/01/12 08:35	02/02/12 21:25	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		02/01/12 08:35	02/02/12 21:25	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00080	mg/L		02/01/12 08:35	02/02/12 21:25	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00027	mg/L		02/01/12 08:35	02/02/12 21:25	1
Hexachlorobenzene	0.020	U	0.020	0.00010	mg/L		02/01/12 08:35	02/02/12 21:25	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		02/01/12 08:35	02/02/12 21:25	1
Hexachloroethane	0.020	U	0.020	0.00080	mg/L		02/01/12 08:35	02/02/12 21:25	1
3 & 4 Methylphenol	0.040	U	0.040	0.00075	mg/L		02/01/12 08:35	02/02/12 21:25	1
2-Methylphenol	0.0040	U	0.0040	0.00080	mg/L		02/01/12 08:35	02/02/12 21:25	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		02/01/12 08:35	02/02/12 21:25	1
Pentachlorophenol	0.040	U	0.040	0.0024	mg/L		02/01/12 08:35	02/02/12 21:25	1
Pyridine	0.020	U	0.020	0.00035	mg/L		02/01/12 08:35	02/02/12 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*22 - 110*	*02/01/12 08:35*	*02/02/12 21:25*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 110*	*02/01/12 08:35*	*02/02/12 21:25*	*1*
2,4,6-Tribromophenol (Surr)	*39*		*17 - 117*	*02/01/12 08:35*	*02/02/12 21:25*	*1*
Nitrobenzene-d5 (Surr)	*65*		*29 - 111*	*02/01/12 08:35*	*02/02/12 21:25*	*1*
Phenol-d5 (Surr)	*62*		*10 - 110*	*02/01/12 08:35*	*02/02/12 21:25*	*1*
Terphenyl-d14 (Surr)	*77*		*40 - 119*	*02/01/12 08:35*	*02/02/12 21:25*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

Method: 8081A - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.012	U	0.012	0.000079	mg/L		02/01/12 08:39	02/01/12 23:49	1
Endrin	0.0012	U	0.0012	0.000026	mg/L		02/01/12 08:39	02/01/12 23:49	1
Heptachlor	0.0012	U	0.0012	0.000019	mg/L		02/01/12 08:39	02/01/12 23:49	1
Heptachlor epoxide	0.0012	U	0.0012	0.000017	mg/L		02/01/12 08:39	02/01/12 23:49	1
gamma-BHC (Lindane)	0.0012	U	0.0012	0.000015	mg/L		02/01/12 08:39	02/01/12 23:49	1
Methoxychlor	0.0024	U	0.0024	0.000077	mg/L		02/01/12 08:39	02/01/12 23:49	1
Toxaphene	0.048	U	0.048	0.00077	mg/L		02/01/12 08:39	02/01/12 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*46 - 122*	*02/01/12 08:39*	*02/01/12 23:49*	*1*
DCB Decachlorobiphenyl	*94*		*34 - 141*	*02/01/12 08:39*	*02/01/12 23:49*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

Method: 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0020	U	0.0020	0.00021	mg/L		02/01/12 08:31	02/02/12 19:09	1
Silvex (2,4,5-TP)	0.00050	U	0.00050	0.00010	mg/L		02/01/12 08:31	02/02/12 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*82*		*37 - 116*	*02/01/12 08:31*	*02/02/12 19:09*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.50	U	0.50	0.0032	mg/L		02/02/12 06:06	02/03/12 12:47	1
Barium	**0.75**	**J B**	10	0.00067	mg/L		02/02/12 06:06	02/03/12 12:47	1
Cadmium	**0.0028**	**J**	0.10	0.00066	mg/L		02/02/12 06:06	02/03/12 12:47	1
Chromium	**0.0034**	**J**	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 12:47	1
Lead	0.50	U	0.50	0.0019	mg/L		02/02/12 06:06	02/03/12 12:47	1
Selenium	**0.0059**	**J B**	0.25	0.0041	mg/L		02/02/12 06:06	02/03/12 12:47	1
Silver	0.50	U	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 12:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		02/02/12 14:20	02/03/12 11:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: S-12616-012312-DN-02
Date Collected: 01/23/12 14:20
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-2
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>180		1.00	1.00	Degrees F			01/26/12 12:57	1
Cyanide, Total	0.85	B	0.60	0.12	mg/Kg	☼	01/31/12 11:35	01/31/12 15:22	1
Sulfide	36	U	36	26	mg/Kg	☼	01/25/12 10:01	01/25/12 15:09	1
Corrosivity	8.27		0.100	0.100	SU			01/24/12 14:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			01/30/12 16:38	1
Benzene	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			01/30/12 16:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			01/30/12 16:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			01/30/12 16:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			01/30/12 16:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			01/30/12 16:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			01/30/12 16:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			01/30/12 16:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			01/30/12 16:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			01/30/12 16:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			01/30/12 16:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			01/30/12 16:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			01/30/12 16:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			01/30/12 16:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			01/30/12 16:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			01/30/12 16:38	1
2-Hexanone	10	U	10	0.41	ug/L			01/30/12 16:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			01/30/12 16:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			01/30/12 16:38	1
Styrene	1.0	U	1.0	0.11	ug/L			01/30/12 16:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			01/30/12 16:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			01/30/12 16:38	1
Toluene	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			01/30/12 16:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			01/30/12 16:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			01/30/12 16:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			01/30/12 16:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			01/30/12 16:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			01/30/12 16:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			01/30/12 16:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			01/30/12 16:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/30/12 16:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			01/30/12 16:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			01/30/12 16:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
Methyl acetate	10	U	10	0.38	ug/L			01/30/12 16:38	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			01/30/12 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			01/30/12 16:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			01/30/12 16:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			01/30/12 16:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			01/30/12 16:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			01/30/12 16:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			01/30/12 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*		*01/30/12 16:38*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		66 - 117		01/30/12 16:38	1
Toluene-d8 (Surr)	93		74 - 115		01/30/12 16:38	1
Dibromofluoromethane (Surr)	98		75 - 121		01/30/12 16:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
bis (2-chloroisopropyl) ether	0.95	U	0.95	0.38	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.29	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,4-Dichlorophenol	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,4-Dimethylphenol	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,4-Dinitrophenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,4-Dinitrotoluene	4.8	U	4.8	0.26	ug/L		01/25/12 07:29	01/27/12 19:49	1
2,6-Dinitrotoluene	4.8	U	4.8	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
2-Chlorophenol	0.95	U	0.95	0.28	ug/L		01/25/12 07:29	01/27/12 19:49	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
2-Methylphenol	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
2-Nitroaniline	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
2-Nitrophenol	1.9	U	1.9	0.27	ug/L		01/25/12 07:29	01/27/12 19:49	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.35	ug/L		01/25/12 07:29	01/27/12 19:49	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		01/25/12 07:29	01/27/12 19:49	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 19:49	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
4-Chloro-3-methylphenol	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
4-Chloroaniline	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		01/25/12 07:29	01/27/12 19:49	1
4-Nitroaniline	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
4-Nitrophenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 19:49	1
Acenaphthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Acetophenone	0.95	U	0.95	0.32	ug/L		01/25/12 07:29	01/27/12 19:49	1
Anthracene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Atrazine	0.95	U	0.95	0.32	ug/L		01/25/12 07:29	01/27/12 19:49	1
Benzaldehyde	0.95	U	0.95	0.37	ug/L		01/25/12 07:29	01/27/12 19:49	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.30	ug/L		01/25/12 07:29	01/27/12 19:49	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
Butyl benzyl phthalate	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
Caprolactam	4.8	U	4.8	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
Carbazole	0.95	U	0.95	0.27	ug/L		01/25/12 07:29	01/27/12 19:49	1
Chrysene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Diethyl phthalate	0.95	U	0.95	0.57	ug/L		01/25/12 07:29	01/27/12 19:49	1
Dimethyl phthalate	0.95	U	0.95	0.28	ug/L		01/25/12 07:29	01/27/12 19:49	1
Di-n-butyl phthalate	0.95	U	0.95	0.64	ug/L		01/25/12 07:29	01/27/12 19:49	1
Di-n-octyl phthalate	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Fluorene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Hexachlorobenzene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.95	U	0.95	0.26	ug/L		01/25/12 07:29	01/27/12 19:49	1
Hexachlorocyclopentadiene	9.5	U	9.5	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
Hexachloroethane	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Isophorone	0.95	U	0.95	0.26	ug/L		01/25/12 07:29	01/27/12 19:49	1
Naphthalene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Nitrobenzene	0.95	U	0.95	0.038	ug/L		01/25/12 07:29	01/27/12 19:49	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 19:49	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.30	ug/L		01/25/12 07:29	01/27/12 19:49	1
Pentachlorophenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 19:49	1
Phenol	0.95	U	0.95	0.57	ug/L		01/25/12 07:29	01/27/12 19:49	1
Phenanthrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
Pyrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 19:49	1
3 & 4 Methylphenol	1.9	U	1.9	0.71	ug/L		01/25/12 07:29	01/27/12 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*46*		*28 - 110*	*01/25/12 07:29*	*01/27/12 19:49*	*1*
2-Fluorophenol (Surr)	*54*		*10 - 110*	*01/25/12 07:29*	*01/27/12 19:49*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*22 - 120*	*01/25/12 07:29*	*01/27/12 19:49*	*1*
Nitrobenzene-d5 (Surr)	*55*		*27 - 111*	*01/25/12 07:29*	*01/27/12 19:49*	*1*
Phenol-d5 (Surr)	*52*		*10 - 110*	*01/25/12 07:29*	*01/27/12 19:49*	*1*
Terphenyl-d14 (Surr)	*77*		*37 - 119*	*01/25/12 07:29*	*01/27/12 19:49*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	97	ug/L		02/03/12 07:50	02/06/12 12:23	1
Antimony	10	U	10	1.8	ug/L		02/03/12 07:50	02/06/12 12:23	1
Barium	**4.9**	**J B**	200	0.67	ug/L		02/03/12 07:50	02/06/12 12:23	1
Beryllium	5.0	U	5.0	0.46	ug/L		02/03/12 07:50	02/06/12 12:23	1
Calcium	**12000**	**B**	5000	130	ug/L		02/03/12 07:50	02/06/12 12:23	1
Cadmium	2.0	U	2.0	0.66	ug/L		02/03/12 07:50	02/06/12 12:23	1
Cobalt	7.0	U	7.0	1.7	ug/L		02/03/12 07:50	02/06/12 12:23	1
Chromium	**5.9**		5.0	2.2	ug/L		02/03/12 07:50	02/06/12 12:23	1
Copper	**5.6**	**J**	25	4.5	ug/L		02/03/12 07:50	02/06/12 12:23	1
Iron	**11000**		100	81	ug/L		02/03/12 07:50	02/06/12 12:23	1
Potassium	**870**	**J B**	5000	72	ug/L		02/03/12 07:50	02/06/12 12:23	1
Magnesium	**5300**	**B**	5000	34	ug/L		02/03/12 07:50	02/06/12 12:23	1
Manganese	**64**	**B**	15	0.41	ug/L		02/03/12 07:50	02/06/12 12:23	1
Silver	5.0	U	5.0	2.2	ug/L		02/03/12 07:50	02/06/12 12:23	1
Sodium	**19000**		5000	590	ug/L		02/03/12 07:50	02/06/12 12:23	1
Nickel	40	U	40	3.2	ug/L		02/03/12 07:50	02/06/12 12:23	1
Vanadium	7.0	U	7.0	0.64	ug/L		02/03/12 07:50	02/06/12 12:23	1
Zinc	**7.7**	**J B**	50	5.0	ug/L		02/03/12 07:50	02/06/12 12:23	1
Arsenic	10	U	10	3.2	ug/L		02/03/12 07:50	02/06/12 12:23	1
Lead	3.0	U	3.0	1.9	ug/L		02/03/12 07:50	02/06/12 12:23	1
Selenium	5.0	U	5.0	4.1	ug/L		02/03/12 07:50	02/06/12 12:23	1
Thallium	10	U	10	4.7	ug/L		02/03/12 07:50	02/06/12 12:23	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		02/03/12 13:25	02/03/12 16:19	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-01
Date Collected: 01/23/12 15:00
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-3
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		1.00	1.00	Degrees F			01/26/12 13:42	1
Cr (VI)	0.020	U	0.020	0.0020	mg/L			01/24/12 14:08	1
Cyanide, Total	0.010	U	0.010	0.0050	mg/L		01/25/12 17:12	01/25/12 18:05	1
Sulfide	**1.1**	**J**	3.0	0.94	mg/L		01/25/12 09:58	01/25/12 15:18	1
Corrosivity	**8.2**		0.10	0.10	SU			01/24/12 14:09	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.3	J	10	1.1	ug/L			01/30/12 17:00	1
Benzene	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			01/30/12 17:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			01/30/12 17:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			01/30/12 17:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			01/30/12 17:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			01/30/12 17:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			01/30/12 17:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			01/30/12 17:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			01/30/12 17:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			01/30/12 17:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			01/30/12 17:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			01/30/12 17:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			01/30/12 17:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			01/30/12 17:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			01/30/12 17:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			01/30/12 17:00	1
2-Hexanone	10	U	10	0.41	ug/L			01/30/12 17:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			01/30/12 17:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			01/30/12 17:00	1
Styrene	1.0	U	1.0	0.11	ug/L			01/30/12 17:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			01/30/12 17:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			01/30/12 17:00	1
Toluene	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			01/30/12 17:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			01/30/12 17:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			01/30/12 17:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			01/30/12 17:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			01/30/12 17:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			01/30/12 17:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			01/30/12 17:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			01/30/12 17:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/30/12 17:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			01/30/12 17:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			01/30/12 17:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
Methyl acetate	10	U	10	0.38	ug/L			01/30/12 17:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			01/30/12 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			01/30/12 17:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			01/30/12 17:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			01/30/12 17:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			01/30/12 17:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			01/30/12 17:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			01/30/12 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 129*		*01/30/12 17:00*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		66 - 117		01/30/12 17:00	1
Toluene-d8 (Surr)	91		74 - 115		01/30/12 17:00	1
Dibromofluoromethane (Surr)	100		75 - 121		01/30/12 17:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
bis (2-chloroisopropyl) ether	0.95	U	0.95	0.38	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,4,5-Trichlorophenol	4.8	U	4.8	0.29	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,4,6-Trichlorophenol	4.8	U	4.8	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,4-Dichlorophenol	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,4-Dimethylphenol	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,4-Dinitrophenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,4-Dinitrotoluene	4.8	U	4.8	0.26	ug/L		01/25/12 07:29	01/27/12 20:07	1
2,6-Dinitrotoluene	4.8	U	4.8	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
2-Chloronaphthalene	0.95	U	0.95	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
2-Chlorophenol	0.95	U	0.95	0.28	ug/L		01/25/12 07:29	01/27/12 20:07	1
2-Methylnaphthalene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
2-Methylphenol	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
2-Nitroaniline	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
2-Nitrophenol	1.9	U	1.9	0.27	ug/L		01/25/12 07:29	01/27/12 20:07	1
3,3'-Dichlorobenzidine	4.8	U	4.8	0.35	ug/L		01/25/12 07:29	01/27/12 20:07	1
3-Nitroaniline	1.9	U	1.9	0.27	ug/L		01/25/12 07:29	01/27/12 20:07	1
4,6-Dinitro-2-methylphenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 20:07	1
4-Bromophenyl phenyl ether	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
4-Chloro-3-methylphenol	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
4-Chloroaniline	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
4-Chlorophenyl phenyl ether	1.9	U	1.9	0.29	ug/L		01/25/12 07:29	01/27/12 20:07	1
4-Nitroaniline	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
4-Nitrophenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 20:07	1
Acenaphthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Acenaphthylene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Acetophenone	0.95	U	0.95	0.32	ug/L		01/25/12 07:29	01/27/12 20:07	1
Anthracene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Atrazine	0.95	U	0.95	0.32	ug/L		01/25/12 07:29	01/27/12 20:07	1
Benzaldehyde	0.95	U	0.95	0.37	ug/L		01/25/12 07:29	01/27/12 20:07	1
Benzo[a]anthracene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Benzo[a]pyrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Benzo[b]fluoranthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Benzo[g,h,i]perylene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Benzo[k]fluoranthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Bis(2-chloroethoxy)methane	0.95	U	0.95	0.30	ug/L		01/25/12 07:29	01/27/12 20:07	1
Bis(2-chloroethyl)ether	0.95	U	0.95	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Bis(2-ethylhexyl) phthalate	1.9	U	1.9	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
Butyl benzyl phthalate	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
Caprolactam	4.8	U	4.8	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
Carbazole	0.95	U	0.95	0.27	ug/L		01/25/12 07:29	01/27/12 20:07	1
Chrysene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Dibenz(a,h)anthracene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Dibenzofuran	0.95	U	0.95	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Diethyl phthalate	0.95	U	0.95	0.57	ug/L		01/25/12 07:29	01/27/12 20:07	1
Dimethyl phthalate	0.95	U	0.95	0.28	ug/L		01/25/12 07:29	01/27/12 20:07	1
Di-n-butyl phthalate	0.95	U	0.95	0.64	ug/L		01/25/12 07:29	01/27/12 20:07	1
Di-n-octyl phthalate	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
Fluoranthene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Fluorene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Hexachlorobenzene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.95	U	0.95	0.26	ug/L		01/25/12 07:29	01/27/12 20:07	1
Hexachlorocyclopentadiene	9.5	U	9.5	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
Hexachloroethane	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
Indeno[1,2,3-cd]pyrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Isophorone	0.95	U	0.95	0.26	ug/L		01/25/12 07:29	01/27/12 20:07	1
Naphthalene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Nitrobenzene	0.95	U	0.95	0.038	ug/L		01/25/12 07:29	01/27/12 20:07	1
N-Nitrosodi-n-propylamine	0.95	U	0.95	0.76	ug/L		01/25/12 07:29	01/27/12 20:07	1
N-Nitrosodiphenylamine	0.95	U	0.95	0.30	ug/L		01/25/12 07:29	01/27/12 20:07	1
Pentachlorophenol	4.8	U	4.8	2.3	ug/L		01/25/12 07:29	01/27/12 20:07	1
Phenol	0.95	U	0.95	0.57	ug/L		01/25/12 07:29	01/27/12 20:07	1
Phenanthrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
Pyrene	0.19	U	0.19	0.095	ug/L		01/25/12 07:29	01/27/12 20:07	1
3 & 4 Methylphenol	1.9	U	1.9	0.71	ug/L		01/25/12 07:29	01/27/12 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*50*		*28 - 110*	*01/25/12 07:29*	*01/27/12 20:07*	*1*
2-Fluorophenol (Surr)	*15*		*10 - 110*	*01/25/12 07:29*	*01/27/12 20:07*	*1*
2,4,6-Tribromophenol (Surr)	*18*	*X*	*22 - 120*	*01/25/12 07:29*	*01/27/12 20:07*	*1*
Nitrobenzene-d5 (Surr)	*57*		*27 - 111*	*01/25/12 07:29*	*01/27/12 20:07*	*1*
Phenol-d5 (Surr)	*49*		*10 - 110*	*01/25/12 07:29*	*01/27/12 20:07*	*1*
Terphenyl-d14 (Surr)	*61*		*37 - 119*	*01/25/12 07:29*	*01/27/12 20:07*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**99**	**J**	200	97	ug/L		02/06/12 09:53	02/07/12 13:04	1
Antimony	**2.2**	**J B**	10	1.8	ug/L		02/06/12 09:53	02/07/12 13:04	1
Barium	**4.3**	**J B**	200	0.67	ug/L		02/06/12 09:53	02/07/12 13:04	1
Beryllium	5.0	U	5.0	0.46	ug/L		02/06/12 09:53	02/07/12 13:04	1
Calcium	**11000**	**B**	5000	130	ug/L		02/06/12 09:53	02/07/12 13:04	1
Cadmium	2.0	U	2.0	0.66	ug/L		02/06/12 09:53	02/07/12 13:04	1
Cobalt	7.0	U	7.0	1.7	ug/L		02/06/12 09:53	02/07/12 13:04	1
Chromium	**3.4**	**J**	5.0	2.2	ug/L		02/06/12 09:53	02/07/12 13:04	1
Copper	25	U	25	4.5	ug/L		02/06/12 09:53	02/07/12 13:04	1
Iron	**6300**		100	81	ug/L		02/06/12 09:53	02/07/12 13:04	1
Potassium	**910**	**J B**	5000	72	ug/L		02/06/12 09:53	02/07/12 13:04	1
Magnesium	**5900**	**B**	5000	34	ug/L		02/06/12 09:53	02/07/12 13:04	1
Manganese	**47**	**B**	15	0.41	ug/L		02/06/12 09:53	02/08/12 12:33	1
Silver	5.0	U	5.0	2.2	ug/L		02/06/12 09:53	02/07/12 13:04	1
Sodium	**21000**		5000	590	ug/L		02/06/12 09:53	02/07/12 13:04	1
Nickel	40	U	40	3.2	ug/L		02/06/12 09:53	02/07/12 13:04	1
Vanadium	7.0	U	7.0	0.64	ug/L		02/06/12 09:53	02/07/12 13:04	1
Zinc	50	U	50	5.0	ug/L		02/06/12 09:53	02/07/12 13:04	1
Arsenic	10	U	10	3.2	ug/L		02/06/12 09:53	02/07/12 13:04	1
Lead	3.0	U	3.0	1.9	ug/L		02/06/12 09:53	02/07/12 13:04	1
Selenium	5.0	U	5.0	4.1	ug/L		02/06/12 09:53	02/07/12 13:04	1
Thallium	10	U	10	4.7	ug/L		02/06/12 09:53	02/07/12 13:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		02/03/12 13:25	02/03/12 16:13	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>180**		1.00	1.00	Degrees F			01/26/12 14:10	1
Cr (VI)	**0.0032**	**J**	0.020	0.0020	mg/L			01/24/12 14:08	1
Cyanide, Total	0.010	U	0.010	0.0050	mg/L		01/25/12 17:12	01/25/12 18:05	1
Sulfide	**1.1**	**J**	3.0	0.94	mg/L		01/25/12 09:58	01/25/12 15:27	1
Corrosivity	**8.0**		0.10	0.10	SU			01/24/12 14:09	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(90-115)	(84-128)
LCS 240-32309/6	Lab Control Sample	103	92	109	101
LCS 240-32884/24	Lab Control Sample	90	95	94	92

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-121)	(70-124)	(90-115)	(84-128)
240-7896-1	S-12616-012312-DN-01	100	93	108	98
240-7896-2	S-12616-012312-DN-02	93	93	94	90
240-7896-2 MS	S-12616-012312-DN-02	98	98	95	91
240-7896-2 MSD	S-12616-012312-DN-02	95	97	93	91
LB 240-32102/1-A MB	Method Blank	98	90	109	100
LB 240-32489/1-A MB	Method Blank	94	94	94	90

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-7896-3	WG-12616-012312-DN-01	110	99	93	98
240-7896-4	WG-12616-012312-DN-02	112	97	91	100
LCS 240-31943/4	Lab Control Sample	113	111	96	97
MB 240-31943/5	Method Blank	113	99	91	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(22-110)	(10-110)	(17-117)	(29-111)	(10-110)	(40-119)
LCS 240-32183/2-A	Lab Control Sample	77	73	83	82	65	91

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(22-110)	(10-110)	(17-117)	(29-111)	(10-110)	(40-119)		
MB 240-32183/1-A	Method Blank	67	65	72	71	59	88		

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(22-110)	(10-110)	(17-117)	(29-111)	(10-110)	(40-119)		
240-7896-1	S-12616-012312-DN-01	68	69	52	72	69	82		
240-7896-2	S-12616-012312-DN-02	62	63	39	65	62	77		

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		FBP	2FP	TBP	NBZ	PHL	TPH		
Lab Sample ID	Client Sample ID	(28-110)	(10-110)	(22-120)	(27-111)	(10-110)	(37-119)		
240-7896-3	WG-12616-012312-DN-01	46	54	63	55	52	77		
240-7896-4	WG-12616-012312-DN-02	50	15	18 X	57	49	61		
LCS 240-31311/19-A	Lab Control Sample	79	86	84	90	93	93		
MB 240-31311/18-A	Method Blank	68	73	67	73	79	93		

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(46-122)	(46-122)	(34-141)	(34-141)
LCS 240-32186/2-A	Lab Control Sample	78	80	114	97
MB 240-32186/1-A	Method Blank	84	82	100	96

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCB1	DCB2
Lab Sample ID	Client Sample ID	(46-122)	(46-122)	(34-141)	(34-141)
240-7896-1	S-12616-012312-DN-01	76	73	95	89
240-7896-1 MS	S-12616-012312-DN-01	77	85	97	95
240-7896-2	S-12616-012312-DN-02	90	71	99	94

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(37-116)	(37-116)
LCS 240-32180/2-A	Lab Control Sample	67	60
MB 240-32180/1-A	Method Blank	83	75

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPA1	DCPA2
Lab Sample ID	Client Sample ID	(37-116)	(37-116)
240-7896-1	S-12616-012312-DN-01	79	81
240-7896-2	S-12616-012312-DN-02	83	82
240-7896-2 MS	S-12616-012312-DN-02	69	77

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-31943/5
Matrix: Water
Analysis Batch: 31943

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			01/30/12 15:12	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			01/30/12 15:12	1
Bromoform	1.0	U	1.0	0.64	ug/L			01/30/12 15:12	1
Bromomethane	1.0	U	1.0	0.41	ug/L			01/30/12 15:12	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			01/30/12 15:12	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
Benzene	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			01/30/12 15:12	1
Chloroethane	1.0	U	1.0	0.29	ug/L			01/30/12 15:12	1
Chloroform	1.0	U	1.0	0.16	ug/L			01/30/12 15:12	1
Chloromethane	1.0	U	1.0	0.30	ug/L			01/30/12 15:12	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			01/30/12 15:12	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			01/30/12 15:12	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			01/30/12 15:12	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			01/30/12 15:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			01/30/12 15:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			01/30/12 15:12	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			01/30/12 15:12	1
2-Hexanone	10	U	10	0.41	ug/L			01/30/12 15:12	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			01/30/12 15:12	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			01/30/12 15:12	1
Styrene	1.0	U	1.0	0.11	ug/L			01/30/12 15:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			01/30/12 15:12	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			01/30/12 15:12	1
Toluene	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			01/30/12 15:12	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			01/30/12 15:12	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			01/30/12 15:12	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			01/30/12 15:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			01/30/12 15:12	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			01/30/12 15:12	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			01/30/12 15:12	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			01/30/12 15:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			01/30/12 15:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			01/30/12 15:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			01/30/12 15:12	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
Methyl acetate	10	U	10	0.38	ug/L			01/30/12 15:12	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			01/30/12 15:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			01/30/12 15:12	1
1,2,4-Trichlorobenzene	0.458	J	1.0	0.15	ug/L			01/30/12 15:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			01/30/12 15:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			01/30/12 15:12	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			01/30/12 15:12	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			01/30/12 15:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-31943/5
Matrix: Water
Analysis Batch: 31943

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		01/30/12 15:12	1
4-Bromofluorobenzene (Surr)	99		66 - 117		01/30/12 15:12	1
Toluene-d8 (Surr)	91		74 - 115		01/30/12 15:12	1
Dibromofluoromethane (Surr)	98		75 - 121		01/30/12 15:12	1

Lab Sample ID: LCS 240-31943/4
Matrix: Water
Analysis Batch: 31943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	23.7		ug/L		119	43 - 136
Dichlorobromomethane	10.0	10.9		ug/L		109	72 - 121
Bromoform	10.0	10.1		ug/L		101	40 - 131
Bromomethane	10.0	10.0		ug/L		100	11 - 185
2-Butanone (MEK)	20.0	21.3		ug/L		107	60 - 126
Carbon disulfide	10.0	10.8		ug/L		108	62 - 142
Benzene	10.0	9.95		ug/L		100	83 - 112
Carbon tetrachloride	10.0	10.5		ug/L		105	66 - 128
Chlorobenzene	10.0	9.76		ug/L		98	85 - 110
Chloroethane	10.0	11.8		ug/L		118	25 - 153
Chloroform	10.0	11.3		ug/L		113	79 - 117
Chloromethane	10.0	9.73		ug/L		97	44 - 126
1,1-Dichloroethane	10.0	11.4		ug/L		114	82 - 115
1,2-Dichloroethane	10.0	12.3		ug/L		123	71 - 127
1,1-Dichloroethene	10.0	10.3		ug/L		103	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	9.55		ug/L		96	61 - 115
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	58 - 117
Ethylbenzene	10.0	9.88		ug/L		99	83 - 112
2-Hexanone	20.0	26.2		ug/L		131	55 - 133
Methylene Chloride	10.0	10.2		ug/L		102	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	24.4		ug/L		122	63 - 128
Styrene	10.0	10.8		ug/L		108	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.77		ug/L		98	68 - 118
Tetrachloroethene	10.0	9.43		ug/L		94	79 - 114
Toluene	10.0	10.0		ug/L		100	84 - 111
Trichloroethene	10.0	9.14		ug/L		91	76 - 117
Vinyl chloride	10.0	9.45		ug/L		95	53 - 127
Xylenes, Total	30.0	30.7		ug/L		102	83 - 112
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	74 - 118
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	80 - 112
Cyclohexane	10.0	11.2		ug/L		112	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	11.1		ug/L		111	42 - 136
Ethylene Dibromide	10.0	10.2		ug/L		102	79 - 113
Dichlorodifluoromethane	10.0	7.04		ug/L		70	19 - 129
cis-1,2-Dichloroethene	10.0	9.93		ug/L		99	80 - 113
trans-1,2-Dichloroethene	10.0	10.3		ug/L		103	83 - 117
Isopropylbenzene	10.0	10.8		ug/L		108	75 - 114
Methyl acetate	10.0	11.4		ug/L		114	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-31943/4
Matrix: Water
Analysis Batch: 31943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	11.2		ug/L		112	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.7		ug/L		117	74 - 151
1,2,4-Trichlorobenzene	10.0	10.6		ug/L		106	48 - 135
1,2-Dichlorobenzene	10.0	9.56		ug/L		96	81 - 110
1,3-Dichlorobenzene	10.0	9.19		ug/L		92	80 - 110
1,4-Dichlorobenzene	10.0	9.23		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	11.3		ug/L		113	49 - 157
Chlorodibromomethane	10.0	10.2		ug/L		102	64 - 119
Methylcyclohexane	10.0	10.9		ug/L		109	56 - 127
m-Xylene & p-Xylene	20.0	20.3		ug/L		102	83 - 113
o-Xylene	10.0	10.4		ug/L		104	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 129*
4-Bromofluorobenzene (Surr)	*111*		*66 - 117*
Toluene-d8 (Surr)	*96*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: LCS 240-32309/6
Matrix: Solid
Analysis Batch: 32309

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	2.00	1.65		mg/L		83	49 - 120
Benzene	1.00	0.885		mg/L		89	84 - 120
Carbon tetrachloride	1.00	0.720		mg/L		72	54 - 122
Chlorobenzene	1.00	0.905		mg/L		91	86 - 111
Chloroform	1.00	0.930		mg/L		93	87 - 123
1,2-Dichloroethane	1.00	0.865		mg/L		87	81 - 114
1,1-Dichloroethene	1.00	1.08		mg/L		108	71 - 133
Tetrachloroethene	1.00	0.855		mg/L		86	79 - 134
Trichloroethene	1.00	0.910		mg/L		91	78 - 130
Vinyl chloride	1.00	1.09		mg/L		109	56 - 111

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 121*
4-Bromofluorobenzene (Surr)	*92*		*70 - 124*
Toluene-d8 (Surr)	*109*		*90 - 115*
Dibromofluoromethane (Surr)	*101*		*84 - 128*

Lab Sample ID: LCS 240-32884/24
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	2.00	1.82		mg/L		91	49 - 120
Benzene	1.00	0.935		mg/L		94	84 - 120
Carbon tetrachloride	1.00	0.840		mg/L		84	54 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-32884/24
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chlorobenzene			1.00	0.895		mg/L		90	86 - 111		
Chloroform			1.00	0.940		mg/L		94	87 - 123		
1,2-Dichloroethane			1.00	0.955		mg/L		96	81 - 114		
1,1-Dichloroethene			1.00	1.05		mg/L		105	71 - 133		
Tetrachloroethene			1.00	0.840		mg/L		84	79 - 134		
Trichloroethene			1.00	0.910		mg/L		91	78 - 130		
Vinyl chloride			1.00	0.895		mg/L		90	56 - 111		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 121*
4-Bromofluorobenzene (Surr)	*95*		*70 - 124*
Toluene-d8 (Surr)	*94*		*90 - 115*
Dibromofluoromethane (Surr)	*92*		*84 - 128*

Lab Sample ID: LB 240-32102/1-A MB
Matrix: Solid
Analysis Batch: 32309

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			02/01/12 18:41	1
Benzene	0.025	U	0.025	0.0065	mg/L			02/01/12 18:41	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			02/01/12 18:41	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			02/01/12 18:41	1
Chloroform	0.025	U	0.025	0.0080	mg/L			02/01/12 18:41	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			02/01/12 18:41	1
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			02/01/12 18:41	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			02/01/12 18:41	1
Trichloroethene	0.025	U	0.025	0.0085	mg/L			02/01/12 18:41	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			02/01/12 18:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 121*		*02/01/12 18:41*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 124*		*02/01/12 18:41*	*1*
Toluene-d8 (Surr)	*109*		*90 - 115*		*02/01/12 18:41*	*1*
Dibromofluoromethane (Surr)	*100*		*84 - 128*		*02/01/12 18:41*	*1*

Lab Sample ID: LB 240-32489/1-A MB
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.25	U	0.25	0.029	mg/L			02/07/12 00:10	1
Benzene	0.025	U	0.025	0.0065	mg/L			02/07/12 00:10	1
Carbon tetrachloride	0.025	U	0.025	0.0065	mg/L			02/07/12 00:10	1
Chlorobenzene	0.025	U	0.025	0.0075	mg/L			02/07/12 00:10	1
Chloroform	0.025	U	0.025	0.0080	mg/L			02/07/12 00:10	1
1,2-Dichloroethane	0.025	U	0.025	0.011	mg/L			02/07/12 00:10	1
1,1-Dichloroethene	0.025	U	0.025	0.0095	mg/L			02/07/12 00:10	1
Tetrachloroethene	0.025	U	0.025	0.015	mg/L			02/07/12 00:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-32489/1-A MB
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.025	U	0.025	0.0085	mg/L			02/07/12 00:10	1
Vinyl chloride	0.025	U	0.025	0.011	mg/L			02/07/12 00:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 121*		*02/07/12 00:10*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 124*		*02/07/12 00:10*	*1*
Toluene-d8 (Surr)	*94*		*90 - 115*		*02/07/12 00:10*	*1*
Dibromofluoromethane (Surr)	*90*		*84 - 128*		*02/07/12 00:10*	*1*

Lab Sample ID: 240-7896-2 MS
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: S-12616-012312-DN-02
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	0.25	U	2.00	1.84		mg/L		92	49 - 117
Benzene	0.025	U	1.00	0.925		mg/L		93	85 - 119
Carbon tetrachloride	0.025	U	1.00	0.895		mg/L		90	60 - 110
Chlorobenzene	0.025	U	1.00	0.920		mg/L		92	85 - 113
Chloroform	0.025	U	1.00	0.905		mg/L		91	86 - 124
1,2-Dichloroethane	0.025	U	1.00	0.930		mg/L		93	80 - 115
1,1-Dichloroethene	0.025	U	1.00	1.04		mg/L		104	67 - 139
Tetrachloroethene	0.025	U	1.00	0.860		mg/L		86	74 - 138
Trichloroethene	0.025	U	1.00	0.890		mg/L		89	75 - 134
Vinyl chloride	0.025	U	1.00	0.910		mg/L		91	51 - 118

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 121*
4-Bromofluorobenzene (Surr)	*98*		*70 - 124*
Toluene-d8 (Surr)	*95*		*90 - 115*
Dibromofluoromethane (Surr)	*91*		*84 - 128*

Lab Sample ID: 240-7896-2 MSD
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: S-12616-012312-DN-02
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	0.25	U	2.00	1.82		mg/L		91	49 - 117	1	30
Benzene	0.025	U	1.00	0.905		mg/L		91	85 - 119	2	30
Carbon tetrachloride	0.025	U	1.00	0.880		mg/L		88	60 - 110	2	30
Chlorobenzene	0.025	U	1.00	0.895		mg/L		90	85 - 113	3	30
Chloroform	0.025	U	1.00	0.900		mg/L		90	86 - 124	1	30
1,2-Dichloroethane	0.025	U	1.00	0.930		mg/L		93	80 - 115	0	30
1,1-Dichloroethene	0.025	U	1.00	1.00		mg/L		100	67 - 139	4	30
Tetrachloroethene	0.025	U	1.00	0.820		mg/L		82	74 - 138	5	30
Trichloroethene	0.025	U	1.00	0.885		mg/L		89	75 - 134	1	30
Vinyl chloride	0.025	U	1.00	0.880		mg/L		88	51 - 118	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-7896-2 MSD
Matrix: Solid
Analysis Batch: 32884

Client Sample ID: S-12616-012312-DN-02
Prep Type: TCLP

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*97*		*70 - 124*
Toluene-d8 (Surr)	*93*		*90 - 115*
Dibromofluoromethane (Surr)	*91*		*84 - 128*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-31311/18-A
Matrix: Water
Analysis Batch: 31694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.0	U	1.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
bis (2-chloroisopropyl) ether	1.0	U	1.0	0.40	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,4,5-Trichlorophenol	5.0	U	5.0	0.30	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,4,6-Trichlorophenol	5.0	U	5.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,4-Dichlorophenol	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,4-Dimethylphenol	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,4-Dinitrophenol	5.0	U	5.0	2.4	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,4-Dinitrotoluene	5.0	U	5.0	0.27	ug/L		01/25/12 07:29	01/27/12 11:21	1
2,6-Dinitrotoluene	5.0	U	5.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
2-Chloronaphthalene	1.0	U	1.0	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
2-Chlorophenol	1.0	U	1.0	0.29	ug/L		01/25/12 07:29	01/27/12 11:21	1
2-Methylnaphthalene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
2-Methylphenol	1.0	U	1.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
2-Nitroaniline	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
2-Nitrophenol	2.0	U	2.0	0.28	ug/L		01/25/12 07:29	01/27/12 11:21	1
3,3'-Dichlorobenzidine	5.0	U	5.0	0.37	ug/L		01/25/12 07:29	01/27/12 11:21	1
3-Nitroaniline	2.0	U	2.0	0.28	ug/L		01/25/12 07:29	01/27/12 11:21	1
4,6-Dinitro-2-methylphenol	5.0	U	5.0	2.4	ug/L		01/25/12 07:29	01/27/12 11:21	1
4-Bromophenyl phenyl ether	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
4-Chloro-3-methylphenol	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
4-Chloroaniline	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
4-Chlorophenyl phenyl ether	2.0	U	2.0	0.30	ug/L		01/25/12 07:29	01/27/12 11:21	1
4-Nitroaniline	2.0	U	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
4-Nitrophenol	5.0	U	5.0	2.4	ug/L		01/25/12 07:29	01/27/12 11:21	1
Acenaphthene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Acenaphthylene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Acetophenone	1.0	U	1.0	0.34	ug/L		01/25/12 07:29	01/27/12 11:21	1
Anthracene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Atrazine	1.0	U	1.0	0.34	ug/L		01/25/12 07:29	01/27/12 11:21	1
Benzaldehyde	1.0	U	1.0	0.39	ug/L		01/25/12 07:29	01/27/12 11:21	1
Benzo[a]anthracene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Benzo[a]pyrene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Benzo[b]fluoranthene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Benzo[g,h,i]perylene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Benzo[k]fluoranthene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Bis(2-chloroethoxy)methane	1.0	U	1.0	0.32	ug/L		01/25/12 07:29	01/27/12 11:21	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Bis(2-ethylhexyl) phthalate	1.48	J	2.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-31311/18-A
Matrix: Water
Analysis Batch: 31694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	1.0	U	1.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
Caprolactam	5.0	U	5.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
Carbazole	1.0	U	1.0	0.28	ug/L		01/25/12 07:29	01/27/12 11:21	1
Chrysene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Dibenz(a,h)anthracene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Dibenzofuran	1.0	U	1.0	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Diethyl phthalate	1.0	U	1.0	0.60	ug/L		01/25/12 07:29	01/27/12 11:21	1
Dimethyl phthalate	1.0	U	1.0	0.29	ug/L		01/25/12 07:29	01/27/12 11:21	1
Di-n-butyl phthalate	1.0	U	1.0	0.67	ug/L		01/25/12 07:29	01/27/12 11:21	1
Di-n-octyl phthalate	1.0	U	1.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
Fluoranthene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Fluorene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Hexachlorobenzene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Hexachlorobutadiene	1.0	U	1.0	0.27	ug/L		01/25/12 07:29	01/27/12 11:21	1
Hexachlorocyclopentadiene	10	U	10	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
Hexachloroethane	1.0	U	1.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
Indeno[1,2,3-cd]pyrene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Isophorone	1.0	U	1.0	0.27	ug/L		01/25/12 07:29	01/27/12 11:21	1
Naphthalene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Nitrobenzene	1.0	U	1.0	0.040	ug/L		01/25/12 07:29	01/27/12 11:21	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.80	ug/L		01/25/12 07:29	01/27/12 11:21	1
N-Nitrosodiphenylamine	1.0	U	1.0	0.31	ug/L		01/25/12 07:29	01/27/12 11:21	1
Pentachlorophenol	5.0	U	5.0	2.4	ug/L		01/25/12 07:29	01/27/12 11:21	1
Phenol	1.0	U	1.0	0.60	ug/L		01/25/12 07:29	01/27/12 11:21	1
Phenanthrene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
Pyrene	0.20	U	0.20	0.10	ug/L		01/25/12 07:29	01/27/12 11:21	1
3 & 4 Methylphenol	2.0	U	2.0	0.75	ug/L		01/25/12 07:29	01/27/12 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*68*		*28 - 110*	*01/25/12 07:29*	*01/27/12 11:21*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 110*	*01/25/12 07:29*	*01/27/12 11:21*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*22 - 120*	*01/25/12 07:29*	*01/27/12 11:21*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 111*	*01/25/12 07:29*	*01/27/12 11:21*	*1*
Phenol-d5 (Surr)	*79*		*10 - 110*	*01/25/12 07:29*	*01/27/12 11:21*	*1*
Terphenyl-d14 (Surr)	*93*		*37 - 119*	*01/25/12 07:29*	*01/27/12 11:21*	*1*

Lab Sample ID: LCS 240-31311/19-A
Matrix: Water
Analysis Batch: 31694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1'-Biphenyl	20.0	15.4		ug/L		77	50 - 130
bis (2-chloroisopropyl) ether	20.0	17.6		ug/L		88	25 - 128
2,4,5-Trichlorophenol	20.0	17.4		ug/L		87	39 - 110
2,4,6-Trichlorophenol	20.0	16.8		ug/L		84	35 - 110
2,4-Dichlorophenol	20.0	17.9		ug/L		90	33 - 110
2,4-Dimethylphenol	20.0	14.8		ug/L		74	12 - 110
2,4-Dinitrophenol	20.0	10.7		ug/L		53	17 - 112
2,4-Dinitrotoluene	20.0	18.2		ug/L		91	52 - 123

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-31311/19-A
Matrix: Water
Analysis Batch: 31694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,6-Dinitrotoluene	20.0	18.3		ug/L		92	52 - 119
2-Chloronaphthalene	20.0	16.1		ug/L		81	39 - 110
2-Chlorophenol	20.0	17.0		ug/L		85	27 - 110
2-Methylnaphthalene	20.0	17.1		ug/L		85	35 - 110
2-Methylphenol	20.0	17.2		ug/L		86	30 - 110
2-Nitroaniline	20.0	17.6		ug/L		88	43 - 130
2-Nitrophenol	20.0	17.5		ug/L		87	29 - 110
3,3'-Dichlorobenzidine	20.0	9.64		ug/L		48	19 - 110
3-Nitroaniline	20.0	16.4		ug/L		82	45 - 116
4,6-Dinitro-2-methylphenol	20.0	16.4		ug/L		82	28 - 112
4-Bromophenyl phenyl ether	20.0	17.2		ug/L		86	51 - 114
4-Chloro-3-methylphenol	20.0	17.7		ug/L		89	39 - 110
4-Chloroaniline	20.0	14.9		ug/L		75	10 - 110
4-Chlorophenyl phenyl ether	20.0	17.0		ug/L		85	50 - 115
4-Nitroaniline	20.0	16.6		ug/L		83	45 - 120
4-Nitrophenol	20.0	19.6		ug/L		98	12 - 130
Acenaphthene	20.0	15.9		ug/L		79	40 - 110
Acenaphthylene	20.0	16.3		ug/L		82	43 - 110
Acetophenone	20.0	17.4		ug/L		87	50 - 130
Anthracene	20.0	17.1		ug/L		86	54 - 114
Atrazine	20.0	20.4		ug/L		102	50 - 130
Benzaldehyde	20.0	19.5		ug/L		97	10 - 130
Benzo[a]anthracene	20.0	16.7		ug/L		84	55 - 115
Benzo[a]pyrene	20.0	14.6		ug/L		73	43 - 116
Benzo[b]fluoranthene	20.0	17.2		ug/L		86	43 - 122
Benzo[g,h,i]perylene	20.0	16.7		ug/L		84	45 - 120
Benzo[k]fluoranthene	20.0	16.9		ug/L		84	43 - 124
Bis(2-chloroethoxy)methane	20.0	17.0		ug/L		85	39 - 110
Bis(2-chloroethyl)ether	20.0	17.7		ug/L		89	34 - 113
Bis(2-ethylhexyl) phthalate	20.0	9.56		ug/L		48	36 - 163
Butyl benzyl phthalate	20.0	17.4		ug/L		87	53 - 126
Caprolactam	20.0	17.6		ug/L		88	50 - 130
Carbazole	20.0	17.0		ug/L		85	53 - 120
Chrysene	20.0	18.0		ug/L		90	55 - 115
Dibenz(a,h)anthracene	20.0	15.9		ug/L		80	46 - 122
Dibenzofuran	20.0	16.0		ug/L		80	46 - 111
Diethyl phthalate	20.0	17.1		ug/L		86	33 - 134
Dimethyl phthalate	20.0	17.1		ug/L		86	15 - 143
Di-n-butyl phthalate	20.0	18.3		ug/L		92	55 - 122
Di-n-octyl phthalate	20.0	9.14		ug/L		46	44 - 128
Fluoranthene	20.0	17.7		ug/L		89	54 - 122
Fluorene	20.0	16.5		ug/L		83	47 - 112
Hexachlorobenzene	20.0	17.7		ug/L		89	51 - 112
Hexachlorobutadiene	20.0	15.7		ug/L		79	13 - 110
Hexachlorocyclopentadiene	20.0	7.94	J	ug/L		40	10 - 110
Hexachloroethane	20.0	16.2		ug/L		81	12 - 110
Indeno[1,2,3-cd]pyrene	20.0	15.6		ug/L		78	46 - 121
Isophorone	20.0	17.9		ug/L		89	44 - 128
Naphthalene	20.0	17.5		ug/L		88	31 - 110
Nitrobenzene	20.0	17.8		ug/L		89	37 - 115

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-31311/19-A
Matrix: Water
Analysis Batch: 31694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	20.0	17.6		ug/L		88	37 - 121
N-Nitrosodiphenylamine	20.0	15.6		ug/L		78	53 - 113
Pentachlorophenol	20.0	14.3		ug/L		71	26 - 110
Phenol	20.0	17.8		ug/L		89	14 - 112
Phenanthrene	20.0	17.6		ug/L		88	52 - 114
Pyrene	20.0	17.3		ug/L		87	55 - 120
3 & 4 Methylphenol	40.0	35.6		ug/L		89	32 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*79*		*28 - 110*
2-Fluorophenol (Surr)	*86*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*84*		*22 - 120*
Nitrobenzene-d5 (Surr)	*90*		*27 - 111*
Phenol-d5 (Surr)	*93*		*10 - 110*
Terphenyl-d14 (Surr)	*93*		*37 - 119*

Lab Sample ID: MB 240-32183/1-A
Matrix: Solid
Analysis Batch: 32399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32183

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.0040	U	0.0040	0.00034	mg/L		02/01/12 08:35	02/02/12 12:26	1
2,4,5-Trichlorophenol	0.020	U	0.020	0.00030	mg/L		02/01/12 08:35	02/02/12 12:26	1
2,4,6-Trichlorophenol	0.020	U	0.020	0.00080	mg/L		02/01/12 08:35	02/02/12 12:26	1
Pyridine	0.020	U	0.020	0.00035	mg/L		02/01/12 08:35	02/02/12 12:26	1
2,4-Dinitrotoluene	0.020	U	0.020	0.00027	mg/L		02/01/12 08:35	02/02/12 12:26	1
2-Methylphenol	0.0040	U	0.0040	0.00080	mg/L		02/01/12 08:35	02/02/12 12:26	1
Hexachlorobenzene	0.020	U	0.020	0.00010	mg/L		02/01/12 08:35	02/02/12 12:26	1
Hexachlorobutadiene	0.020	U	0.020	0.00027	mg/L		02/01/12 08:35	02/02/12 12:26	1
Hexachloroethane	0.020	U	0.020	0.00080	mg/L		02/01/12 08:35	02/02/12 12:26	1
Nitrobenzene	0.0040	U	0.0040	0.000040	mg/L		02/01/12 08:35	02/02/12 12:26	1
Pentachlorophenol	0.040	U	0.040	0.0024	mg/L		02/01/12 08:35	02/02/12 12:26	1
3 & 4 Methylphenol	0.040	U	0.040	0.00075	mg/L		02/01/12 08:35	02/02/12 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 110*	*02/01/12 08:35*	*02/02/12 12:26*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 110*	*02/01/12 08:35*	*02/02/12 12:26*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*17 - 117*	*02/01/12 08:35*	*02/02/12 12:26*	*1*
Nitrobenzene-d5 (Surr)	*71*		*29 - 111*	*02/01/12 08:35*	*02/02/12 12:26*	*1*
Phenol-d5 (Surr)	*59*		*10 - 110*	*02/01/12 08:35*	*02/02/12 12:26*	*1*
Terphenyl-d14 (Surr)	*88*		*40 - 119*	*02/01/12 08:35*	*02/02/12 12:26*	*1*

Lab Sample ID: LCS 240-32183/2-A
Matrix: Solid
Analysis Batch: 32399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	0.0800	0.0684		mg/L		86	35 - 111
2,4,6-Trichlorophenol	0.0800	0.0640		mg/L		80	32 - 110

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-32183/2-A
Matrix: Solid
Analysis Batch: 32399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyridine	0.0800	0.0562		mg/L		70	10 - 110
2,4-Dinitrotoluene	0.0800	0.0702		mg/L		88	45 - 126
2-Methylphenol	0.0800	0.0680		mg/L		85	24 - 110
Hexachlorobenzene	0.0800	0.0682		mg/L		85	47 - 116
Hexachlorobutadiene	0.0800	0.0678		mg/L		85	10 - 110
Hexachloroethane	0.0800	0.0646		mg/L		81	10 - 110
Nitrobenzene	0.0800	0.0678		mg/L		85	35 - 117
Pentachlorophenol	0.0800	0.0474		mg/L		59	12 - 110
3 & 4 Methylphenol	0.160	0.127		mg/L		80	27 - 110

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*77*		*22 - 110*
2-Fluorophenol (Surr)	*73*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*83*		*17 - 117*
Nitrobenzene-d5 (Surr)	*82*		*29 - 111*
Phenol-d5 (Surr)	*65*		*10 - 110*
Terphenyl-d14 (Surr)	*91*		*40 - 119*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-32186/1-A
Matrix: Solid
Analysis Batch: 32235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.012	U	0.012	0.000079	mg/L		02/01/12 08:39	02/01/12 21:47	1
Endrin	0.0012	U	0.0012	0.000026	mg/L		02/01/12 08:39	02/01/12 21:47	1
Heptachlor	0.0012	U	0.0012	0.000019	mg/L		02/01/12 08:39	02/01/12 21:47	1
Heptachlor epoxide	0.0012	U	0.0012	0.000017	mg/L		02/01/12 08:39	02/01/12 21:47	1
gamma-BHC (Lindane)	0.0012	U	0.0012	0.000015	mg/L		02/01/12 08:39	02/01/12 21:47	1
Methoxychlor	0.0024	U	0.0024	0.000077	mg/L		02/01/12 08:39	02/01/12 21:47	1
Toxaphene	0.048	U	0.048	0.00077	mg/L		02/01/12 08:39	02/01/12 21:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*46 - 122*	*02/01/12 08:39*	*02/01/12 21:47*	*1*
DCB Decachlorobiphenyl	*96*		*34 - 141*	*02/01/12 08:39*	*02/01/12 21:47*	*1*

Lab Sample ID: LCS 240-32186/2-A
Matrix: Solid
Analysis Batch: 32235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.00200	0.00211	J	mg/L		106	59 - 136
Heptachlor	0.00200	0.00190	J	mg/L		95	63 - 123
Heptachlor epoxide	0.00200	0.00215	J	mg/L		108	59 - 141
gamma-BHC (Lindane)	0.00200	0.00212	J	mg/L		106	59 - 137
Methoxychlor	0.00400	0.00428	J	mg/L		107	42 - 141

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 240-32186/2-A
Matrix: Solid
Analysis Batch: 32235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32186

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*80*		*46 - 122*
DCB Decachlorobiphenyl	*97*		*34 - 141*

Lab Sample ID: 240-7896-1 MS
Matrix: Solid
Analysis Batch: 32235

Client Sample ID: S-12616-012312-DN-01
Prep Type: TCLP
Prep Batch: 32186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endrin	0.0012	U	0.00200	0.00212	J	mg/L		106	50 - 150
Heptachlor	0.0012	U	0.00200	0.00197	J	mg/L		99	50 - 150
Heptachlor epoxide	0.0012	U	0.00200	0.00214	J	mg/L		107	50 - 150
gamma-BHC (Lindane)	0.0012	U	0.00200	0.00214	J	mg/L		107	50 - 150
Methoxychlor	0.0024	U	0.00400	0.00401	J	mg/L		100	50 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*46 - 122*
DCB Decachlorobiphenyl	*95*		*34 - 141*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 240-32180/1-A
Matrix: Solid
Analysis Batch: 32447

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	0.0020	U	0.0020	0.00021	mg/L		02/01/12 08:31	02/02/12 17:42	1
Silvex (2,4,5-TP)	0.00050	U	0.00050	0.00010	mg/L		02/01/12 08:31	02/02/12 17:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*75*		*37 - 116*	*02/01/12 08:31*	*02/02/12 17:42*	*1*

Lab Sample ID: LCS 240-32180/2-A
Matrix: Solid
Analysis Batch: 32447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.0200	0.0122		mg/L		61	35 - 136
Silvex (2,4,5-TP)	0.00500	0.00275		mg/L		55	46 - 112

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*60*		*37 - 116*

Lab Sample ID: 240-7896-2 MS
Matrix: Solid
Analysis Batch: 32447

Client Sample ID: S-12616-012312-DN-02
Prep Type: TCLP
Prep Batch: 32180

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-D	0.0020	U	0.0200	0.0160		mg/L		80	54 - 114

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 240-7896-2 MS
Matrix: Solid
Analysis Batch: 32447

Client Sample ID: S-12616-012312-DN-02
Prep Type: TCLP
Prep Batch: 32180

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00050	U	0.00500	0.00356		mg/L		71	52 - 124

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*77*		*37 - 116*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-32341/2-A
Matrix: Solid
Analysis Batch: 32775

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	10	U	10	0.00067	mg/L		02/02/12 06:06	02/03/12 12:01	1
Cadmium	0.10	U	0.10	0.00066	mg/L		02/02/12 06:06	02/03/12 12:01	1
Chromium	0.50	U	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 12:01	1
Silver	0.50	U	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 12:01	1
Arsenic	0.50	U	0.50	0.0032	mg/L		02/02/12 06:06	02/03/12 12:01	1
Lead	0.50	U	0.50	0.0019	mg/L		02/02/12 06:06	02/03/12 12:01	1
Selenium	0.25	U	0.25	0.0041	mg/L		02/02/12 06:06	02/03/12 12:01	1

Lab Sample ID: LCS 240-32341/3-A
Matrix: Solid
Analysis Batch: 32775

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2.00	2.06	J	mg/L		103	50 - 150
Cadmium	0.0500	0.0522	J	mg/L		104	50 - 150
Chromium	0.200	0.202	J	mg/L		101	50 - 150
Silver	0.0500	0.0513	J	mg/L		103	50 - 150
Arsenic	2.00	2.01		mg/L		101	50 - 150
Lead	0.500	0.508		mg/L		102	50 - 150
Selenium	2.00	2.06		mg/L		103	50 - 150

Lab Sample ID: MB 240-32539/1-A
Matrix: Water
Analysis Batch: 32942

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 32539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	97	ug/L		02/03/12 07:50	02/06/12 11:47	1
Antimony	2.89	J	10	1.8	ug/L		02/03/12 07:50	02/06/12 11:47	1
Barium	1.27	J	200	0.67	ug/L		02/03/12 07:50	02/06/12 11:47	1
Beryllium	5.0	U	5.0	0.46	ug/L		02/03/12 07:50	02/06/12 11:47	1
Calcium	267	J	5000	130	ug/L		02/03/12 07:50	02/06/12 11:47	1
Cadmium	2.0	U	2.0	0.66	ug/L		02/03/12 07:50	02/06/12 11:47	1
Cobalt	7.0	U	7.0	1.7	ug/L		02/03/12 07:50	02/06/12 11:47	1
Chromium	5.0	U	5.0	2.2	ug/L		02/03/12 07:50	02/06/12 11:47	1
Copper	25	U	25	4.5	ug/L		02/03/12 07:50	02/06/12 11:47	1
Iron	100	U	100	81	ug/L		02/03/12 07:50	02/06/12 11:47	1
Potassium	201	J	5000	72	ug/L		02/03/12 07:50	02/06/12 11:47	1
Magnesium	223	J	5000	34	ug/L		02/03/12 07:50	02/06/12 11:47	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-32539/1-A
Matrix: Water
Analysis Batch: 32942

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 32539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1.53	J	15	0.41	ug/L		02/03/12 07:50	02/06/12 11:47	1
Silver	5.0	U	5.0	2.2	ug/L		02/03/12 07:50	02/06/12 11:47	1
Sodium	5000	U	5000	590	ug/L		02/03/12 07:50	02/06/12 11:47	1
Nickel	40	U	40	3.2	ug/L		02/03/12 07:50	02/06/12 11:47	1
Vanadium	0.709	J	7.0	0.64	ug/L		02/03/12 07:50	02/06/12 11:47	1
Zinc	14.4	J	50	5.0	ug/L		02/03/12 07:50	02/06/12 11:47	1
Arsenic	10	U	10	3.2	ug/L		02/03/12 07:50	02/06/12 11:47	1
Lead	3.0	U	3.0	1.9	ug/L		02/03/12 07:50	02/06/12 11:47	1
Selenium	5.0	U	5.0	4.1	ug/L		02/03/12 07:50	02/06/12 11:47	1
Thallium	10	U	10	4.7	ug/L		02/03/12 07:50	02/06/12 11:47	1

Lab Sample ID: LCS 240-32539/2-A
Matrix: Water
Analysis Batch: 32942

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 32539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	1960		ug/L		98	80 - 120
Antimony	500	482		ug/L		96	80 - 120
Barium	2000	1930		ug/L		97	80 - 120
Beryllium	50.0	48.6		ug/L		97	80 - 120
Calcium	50000	47500		ug/L		95	80 - 120
Cadmium	50.0	48.5		ug/L		97	80 - 120
Cobalt	500	480		ug/L		96	80 - 120
Chromium	200	193		ug/L		96	80 - 120
Copper	250	243		ug/L		97	80 - 120
Iron	1000	976		ug/L		98	80 - 120
Potassium	50000	47900		ug/L		96	80 - 120
Magnesium	50000	47100		ug/L		94	80 - 120
Manganese	500	484		ug/L		97	80 - 120
Silver	50.0	48.7		ug/L		97	80 - 120
Sodium	50000	47100		ug/L		94	80 - 120
Nickel	500	466		ug/L		93	80 - 120
Vanadium	500	479		ug/L		96	80 - 120
Zinc	500	507		ug/L		101	80 - 120
Arsenic	2000	1880		ug/L		94	80 - 120
Lead	500	473		ug/L		95	80 - 120
Selenium	2000	1950		ug/L		97	80 - 120
Thallium	2000	1950		ug/L		98	80 - 120

Lab Sample ID: MB 240-32809/1-A
Matrix: Water
Analysis Batch: 33047

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 32809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	200	U	200	97	ug/L		02/06/12 09:53	02/07/12 11:22	1
Antimony	6.68	J	10	1.8	ug/L		02/06/12 09:53	02/07/12 11:22	1
Barium	1.85	J	200	0.67	ug/L		02/06/12 09:53	02/07/12 11:22	1
Beryllium	5.0	U	5.0	0.46	ug/L		02/06/12 09:53	02/07/12 11:22	1
Calcium	472	J	5000	130	ug/L		02/06/12 09:53	02/07/12 11:22	1
Cadmium	2.0	U	2.0	0.66	ug/L		02/06/12 09:53	02/07/12 11:22	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 240-32809/1-A
Matrix: Water
Analysis Batch: 33047

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 32809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	7.0	U	7.0	1.7	ug/L		02/06/12 09:53	02/07/12 11:22	1
Chromium	5.0	U	5.0	2.2	ug/L		02/06/12 09:53	02/07/12 11:22	1
Copper	25	U	25	4.5	ug/L		02/06/12 09:53	02/07/12 11:22	1
Iron	100	U	100	81	ug/L		02/06/12 09:53	02/07/12 11:22	1
Potassium	215	J	5000	72	ug/L		02/06/12 09:53	02/07/12 11:22	1
Magnesium	80.1	J	5000	34	ug/L		02/06/12 09:53	02/07/12 11:22	1
Manganese	1.32	J	15	0.41	ug/L		02/06/12 09:53	02/07/12 11:22	1
Silver	5.0	U	5.0	2.2	ug/L		02/06/12 09:53	02/07/12 11:22	1
Sodium	5000	U	5000	590	ug/L		02/06/12 09:53	02/07/12 11:22	1
Nickel	40	U	40	3.2	ug/L		02/06/12 09:53	02/07/12 11:22	1
Vanadium	7.0	U	7.0	0.64	ug/L		02/06/12 09:53	02/07/12 11:22	1
Zinc	24.1	J	50	5.0	ug/L		02/06/12 09:53	02/07/12 11:22	1
Arsenic	10	U	10	3.2	ug/L		02/06/12 09:53	02/07/12 11:22	1
Lead	3.0	U	3.0	1.9	ug/L		02/06/12 09:53	02/07/12 11:22	1
Selenium	5.0	U	5.0	4.1	ug/L		02/06/12 09:53	02/07/12 11:22	1
Thallium	9.75	J	10	4.7	ug/L		02/06/12 09:53	02/07/12 11:22	1

Lab Sample ID: LCS 240-32809/2-A
Matrix: Water
Analysis Batch: 33047

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 32809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	2000	1980		ug/L		99	80 - 120
Antimony	500	485		ug/L		97	80 - 120
Barium	2000	2050		ug/L		102	80 - 120
Beryllium	50.0	50.6		ug/L		101	80 - 120
Calcium	50000	49100		ug/L		98	80 - 120
Cadmium	50.0	49.4		ug/L		99	80 - 120
Cobalt	500	490		ug/L		98	80 - 120
Chromium	200	195		ug/L		98	80 - 120
Copper	250	248		ug/L		99	80 - 120
Iron	1000	984		ug/L		98	80 - 120
Potassium	50000	50300		ug/L		101	80 - 120
Magnesium	50000	48300		ug/L		97	80 - 120
Manganese	500	513		ug/L		103	80 - 120
Silver	50.0	50.0		ug/L		100	80 - 120
Sodium	50000	48900		ug/L		98	80 - 120
Nickel	500	489		ug/L		98	80 - 120
Vanadium	500	487		ug/L		97	80 - 120
Zinc	500	525		ug/L		105	80 - 120
Arsenic	2000	1940		ug/L		97	80 - 120
Lead	500	481		ug/L		96	80 - 120
Selenium	2000	1950		ug/L		98	80 - 120
Thallium	2000	1930		ug/L		97	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LB 240-32073/1-D LB
Matrix: Solid
Analysis Batch: 32775

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 32341

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00261	J	10	0.00067	mg/L		02/02/12 06:06	02/03/12 11:56	1
Cadmium	0.10	U	0.10	0.00066	mg/L		02/02/12 06:06	02/03/12 11:56	1
Chromium	0.50	U	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 11:56	1
Silver	0.50	U	0.50	0.0022	mg/L		02/02/12 06:06	02/03/12 11:56	1
Arsenic	0.50	U	0.50	0.0032	mg/L		02/02/12 06:06	02/03/12 11:56	1
Lead	0.00280	J	0.50	0.0019	mg/L		02/02/12 06:06	02/03/12 11:56	1
Selenium	0.00698	J	0.25	0.0041	mg/L		02/02/12 06:06	02/03/12 11:56	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-32342/2-A
Matrix: Solid
Analysis Batch: 32790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		02/02/12 14:20	02/03/12 10:51	1

Lab Sample ID: LCS 240-32342/3-A
Matrix: Solid
Analysis Batch: 32790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00451		mg/L		90	50 - 150

Lab Sample ID: MB 240-32544/1-A
Matrix: Water
Analysis Batch: 32790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.12	ug/L		02/03/12 13:25	02/03/12 16:09	1

Lab Sample ID: LCS 240-32544/2-A
Matrix: Water
Analysis Batch: 32790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	5.00	5.37		ug/L		107	81 - 123

Lab Sample ID: 240-7896-4 MS
Matrix: Water
Analysis Batch: 32790

Client Sample ID: WG-12616-012312-DN-02
Prep Type: Total/NA
Prep Batch: 32544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.20	U	1.00	1.03		ug/L		103	69 - 134

Lab Sample ID: 240-7896-4 MSD
Matrix: Water
Analysis Batch: 32790

Client Sample ID: WG-12616-012312-DN-02
Prep Type: Total/NA
Prep Batch: 32544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.20	U	1.00	0.994		ug/L		99	69 - 134	4	20

Lab Sample ID: LB 240-32073/1-E LB
Matrix: Solid
Analysis Batch: 32790

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 32342

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0020	U	0.0020	0.00012	mg/L		02/02/12 14:20	02/03/12 10:49	1

Method: 1010 - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-31461/1
Matrix: Solid
Analysis Batch: 31461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97 - 103

Lab Sample ID: 240-7896-3 DU
Matrix: Water
Analysis Batch: 31461

Client Sample ID: WG-12616-012312-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>180		>180		Degrees F			20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-31204/3
Matrix: Water
Analysis Batch: 31204

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			01/24/12 11:12	1

Lab Sample ID: LCS 240-31204/4
Matrix: Water
Analysis Batch: 31204

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.250	0.266		mg/L		107	80 - 118

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-31429/1-A
Matrix: Water
Analysis Batch: 31491

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0050	mg/L		01/25/12 17:12	01/25/12 17:59	1

Lab Sample ID: LCS 240-31429/2-A
Matrix: Water
Analysis Batch: 31491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0449	0.0350		mg/L		78	69 - 118

Method: 9012A - Cyanide, Total and/or Amenable (Continued)

Lab Sample ID: MB 240-32054/1-A
Matrix: Solid
Analysis Batch: 32125

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 32054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.110	J	0.50	0.10	mg/Kg		01/31/12 11:35	01/31/12 14:53	1

Lab Sample ID: LCS 240-32054/2-A
Matrix: Solid
Analysis Batch: 32125

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 32054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	2.25	2.22		mg/Kg		99	68 - 123

Lab Sample ID: MRL 240-32125/6 MRL
Matrix: Solid
Analysis Batch: 32125

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	0.0100	0.00939	J	mg/L		94	70 - 130

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-31345/1-A
Matrix: Water
Analysis Batch: 31428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31345

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	3.0	U	3.0	0.94	mg/L		01/25/12 09:58	01/25/12 15:12	1

Lab Sample ID: LCS 240-31345/2-A
Matrix: Water
Analysis Batch: 31428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	9.52	8.84		mg/L		93	70 - 130

Lab Sample ID: 240-7896-3 MS
Matrix: Water
Analysis Batch: 31428

Client Sample ID: WG-12616-012312-DN-01
Prep Type: Total/NA
Prep Batch: 31345

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	1.1	J	9.52	8.43		mg/L		77	27 - 124

Lab Sample ID: 240-7896-3 MSD
Matrix: Water
Analysis Batch: 31428

Client Sample ID: WG-12616-012312-DN-01
Prep Type: Total/NA
Prep Batch: 31345

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	1.1	J	9.52	8.03		mg/L		73	27 - 124	5	20

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: MB 240-31347/1-A
Matrix: Solid
Analysis Batch: 31428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	30	U	30	22	mg/Kg		01/25/12 10:01	01/25/12 14:45	1

Lab Sample ID: LCS 240-31347/2-A
Matrix: Solid
Analysis Batch: 31428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	95.2	84.3		mg/Kg		89	70 - 130

Method: 9040C - pH

Lab Sample ID: LCS 240-31246/5
Matrix: Water
Analysis Batch: 31246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Corrosivity	5.50	5.54		SU		101	97 - 103

Lab Sample ID: 240-7896-4 DU
Matrix: Water
Analysis Batch: 31246

Client Sample ID: WG-12616-012312-DN-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity	8.0		8.07		SU		0.4	20

Method: 9045C - pH

Lab Sample ID: 240-7896-1 DU
Matrix: Solid
Analysis Batch: 31246

Client Sample ID: S-12616-012312-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity	8.24		8.300		SU		0.7	20

GC/MS VOA

Analysis Batch: 31943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	8260B	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	8260B	
LCS 240-31943/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-31943/5	Method Blank	Total/NA	Water	8260B	

Leach Batch: 32102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	1311	
LB 240-32102/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 32309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	8260B	
LB 240-32102/1-A MB	Method Blank	TCLP	Solid	8260B	
LCS 240-32309/6	Lab Control Sample	Total/NA	Solid	8260B	

Leach Batch: 32489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	1311	
240-7896-2 MS	S-12616-012312-DN-02	TCLP	Solid	1311	
240-7896-2 MSD	S-12616-012312-DN-02	TCLP	Solid	1311	
LB 240-32489/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 32884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	8260B	
240-7896-2 MS	S-12616-012312-DN-02	TCLP	Solid	8260B	
240-7896-2 MSD	S-12616-012312-DN-02	TCLP	Solid	8260B	
LB 240-32489/1-A MB	Method Blank	TCLP	Solid	8260B	
LCS 240-32884/24	Lab Control Sample	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 31311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	3520C	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	3520C	
LCS 240-31311/19-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-31311/18-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 31694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	8270C	31311
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	8270C	31311
LCS 240-31311/19-A	Lab Control Sample	Total/NA	Water	8270C	31311
MB 240-31311/18-A	Method Blank	Total/NA	Water	8270C	31311

Leach Batch: 32073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	1311	
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	1311	

GC/MS Semi VOA (Continued)

Prep Batch: 32183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	3510C	32073
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	3510C	32073
LCS 240-32183/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 240-32183/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 32399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	8270C	32183
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	8270C	32183
LCS 240-32183/2-A	Lab Control Sample	Total/NA	Solid	8270C	32183
MB 240-32183/1-A	Method Blank	Total/NA	Solid	8270C	32183

GC Semi VOA

Leach Batch: 32073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	1311	
240-7896-1 MS	S-12616-012312-DN-01	TCLP	Solid	1311	
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	1311	
240-7896-2 MS	S-12616-012312-DN-02	TCLP	Solid	1311	

Prep Batch: 32180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	8151A	32073
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	8151A	32073
240-7896-2 MS	S-12616-012312-DN-02	TCLP	Solid	8151A	32073
LCS 240-32180/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 240-32180/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 32186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	3510C	32073
240-7896-1 MS	S-12616-012312-DN-01	TCLP	Solid	3510C	32073
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	3510C	32073
LCS 240-32186/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 240-32186/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 32235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	8081A	32186
240-7896-1 MS	S-12616-012312-DN-01	TCLP	Solid	8081A	32186
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	8081A	32186
LCS 240-32186/2-A	Lab Control Sample	Total/NA	Solid	8081A	32186
MB 240-32186/1-A	Method Blank	Total/NA	Solid	8081A	32186

Analysis Batch: 32447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	8151A	32180
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	8151A	32180
240-7896-2 MS	S-12616-012312-DN-02	TCLP	Solid	8151A	32180
LCS 240-32180/2-A	Lab Control Sample	Total/NA	Solid	8151A	32180
MB 240-32180/1-A	Method Blank	Total/NA	Solid	8151A	32180

Metals

Leach Batch: 32073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	1311	
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	1311	
LB 240-32073/1-D LB	Method Blank	TCLP	Solid	1311	
LB 240-32073/1-E LB	Method Blank	TCLP	Solid	1311	

Prep Batch: 32341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	3010A	32073
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	3010A	32073
LB 240-32073/1-D LB	Method Blank	TCLP	Solid	3010A	32073
LCS 240-32341/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 240-32341/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 32342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	7470A	32073
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	7470A	32073
LB 240-32073/1-E LB	Method Blank	TCLP	Solid	7470A	32073
LCS 240-32342/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 240-32342/2-A	Method Blank	Total/NA	Solid	7470A	

Prep Batch: 32539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total Recoverable	Water	3005A	
LCS 240-32539/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-32539/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 32544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	7470A	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	7470A	
240-7896-4 MS	WG-12616-012312-DN-02	Total/NA	Water	7470A	
240-7896-4 MSD	WG-12616-012312-DN-02	Total/NA	Water	7470A	
LCS 240-32544/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 240-32544/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 32775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	6010B	32341
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	6010B	32341
LB 240-32073/1-D LB	Method Blank	TCLP	Solid	6010B	32341
LCS 240-32341/3-A	Lab Control Sample	Total/NA	Solid	6010B	32341
MB 240-32341/2-A	Method Blank	Total/NA	Solid	6010B	32341

Analysis Batch: 32790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	TCLP	Solid	7470A	32342
240-7896-2	S-12616-012312-DN-02	TCLP	Solid	7470A	32342
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	7470A	32544
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	7470A	32544
240-7896-4 MS	WG-12616-012312-DN-02	Total/NA	Water	7470A	32544
240-7896-4 MSD	WG-12616-012312-DN-02	Total/NA	Water	7470A	32544

Metals (Continued)

Analysis Batch: 32790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 240-32073/1-E LB	Method Blank	TCLP	Solid	7470A	32342
LCS 240-32342/3-A	Lab Control Sample	Total/NA	Solid	7470A	32342
LCS 240-32544/2-A	Lab Control Sample	Total/NA	Water	7470A	32544
MB 240-32342/2-A	Method Blank	Total/NA	Solid	7470A	32342
MB 240-32544/1-A	Method Blank	Total/NA	Water	7470A	32544

Prep Batch: 32809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-4	WG-12616-012312-DN-02	Total Recoverable	Water	3005A	
LCS 240-32809/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-32809/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 32942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total Recoverable	Water	6010B	32539
LCS 240-32539/2-A	Lab Control Sample	Total Recoverable	Water	6010B	32539
MB 240-32539/1-A	Method Blank	Total Recoverable	Water	6010B	32539

Analysis Batch: 33047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-4	WG-12616-012312-DN-02	Total Recoverable	Water	6010B	32809
LCS 240-32809/2-A	Lab Control Sample	Total Recoverable	Water	6010B	32809
MB 240-32809/1-A	Method Blank	Total Recoverable	Water	6010B	32809

Analysis Batch: 33241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-4	WG-12616-012312-DN-02	Total Recoverable	Water	6010B	32809

General Chemistry

Analysis Batch: 31204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	7196A	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	7196A	
LCS 240-31204/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-31204/3	Method Blank	Total/NA	Water	7196A	

Analysis Batch: 31246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	9045C	
240-7896-1 DU	S-12616-012312-DN-01	Total/NA	Solid	9045C	
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	9045C	
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	9040C	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	9040C	
240-7896-4 DU	WG-12616-012312-DN-02	Total/NA	Water	9040C	
LCS 240-31246/5	Lab Control Sample	Total/NA	Water	9040C	

Analysis Batch: 31343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	Moisture	
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Prep Batch: 31345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	9030B	
240-7896-3 MS	WG-12616-012312-DN-01	Total/NA	Water	9030B	
240-7896-3 MSD	WG-12616-012312-DN-01	Total/NA	Water	9030B	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	9030B	
LCS 240-31345/2-A	Lab Control Sample	Total/NA	Water	9030B	
MB 240-31345/1-A	Method Blank	Total/NA	Water	9030B	

Prep Batch: 31347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	9030B	
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	9030B	
LCS 240-31347/2-A	Lab Control Sample	Total/NA	Solid	9030B	
MB 240-31347/1-A	Method Blank	Total/NA	Solid	9030B	

Analysis Batch: 31428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	9034	31347
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	9034	31347
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	9034	31345
240-7896-3 MS	WG-12616-012312-DN-01	Total/NA	Water	9034	31345
240-7896-3 MSD	WG-12616-012312-DN-01	Total/NA	Water	9034	31345
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	9034	31345
LCS 240-31345/2-A	Lab Control Sample	Total/NA	Water	9034	31345
LCS 240-31347/2-A	Lab Control Sample	Total/NA	Solid	9034	31347
MB 240-31345/1-A	Method Blank	Total/NA	Water	9034	31345
MB 240-31347/1-A	Method Blank	Total/NA	Solid	9034	31347

Prep Batch: 31429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	9012A	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	9012A	
LCS 240-31429/2-A	Lab Control Sample	Total/NA	Water	9012A	
MB 240-31429/1-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 31461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	1010	
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	1010	
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	1010	
240-7896-3 DU	WG-12616-012312-DN-01	Total/NA	Water	1010	
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	1010	
LCS 240-31461/1	Lab Control Sample	Total/NA	Solid	1010	

Analysis Batch: 31491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-3	WG-12616-012312-DN-01	Total/NA	Water	9012A	31429
240-7896-4	WG-12616-012312-DN-02	Total/NA	Water	9012A	31429
LCS 240-31429/2-A	Lab Control Sample	Total/NA	Water	9012A	31429
MB 240-31429/1-A	Method Blank	Total/NA	Water	9012A	31429

General Chemistry (Continued)

Prep Batch: 32054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	9012A	
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	9012A	
LCS 240-32054/2-A	Lab Control Sample	Total/NA	Solid	9012A	
MB 240-32054/1-A	Method Blank	Total/NA	Solid	9012A	

Analysis Batch: 32125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-7896-1	S-12616-012312-DN-01	Total/NA	Solid	9012A	32054
240-7896-2	S-12616-012312-DN-02	Total/NA	Solid	9012A	32054
LCS 240-32054/2-A	Lab Control Sample	Total/NA	Solid	9012A	32054
MB 240-32054/1-A	Method Blank	Total/NA	Solid	9012A	32054
MRL 240-32125/6 MRL	Lab Control Sample	Total/NA	Solid	9012A	

Client Sample ID: S-12616-012312-DN-01

Lab Sample ID: 240-7896-1

Date Collected: 01/23/12 14:00

Matrix: Solid

Date Received: 01/24/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			32102	01/31/12 15:30	BF	TAL NC
TCLP	Analysis	8260B		1	32309	02/01/12 20:14	TL	TAL NC
TCLP	Leach	1311			32073	01/31/12 12:26	DJ	TAL NC
TCLP	Prep	3510C			32183	02/01/12 08:35	EM	TAL NC
TCLP	Analysis	8270C		1	32399	02/02/12 21:06	JG	TAL NC
TCLP	Leach	1311			32073	01/31/12 12:26	DJ	TAL NC
TCLP	Prep	3510C			32186	02/01/12 08:39	EM	TAL NC
TCLP	Analysis	8081A		1	32235	02/01/12 23:01	AR	TAL NC
TCLP	Prep	8151A			32180	02/01/12 08:31	EM	TAL NC
TCLP	Analysis	8151A		1	32447	02/02/12 18:48	AR	TAL NC
TCLP	Leach	1311			32073	01/31/12 12:26	DJ	TAL NC
TCLP	Prep	3010A			32341	02/02/12 06:06	LM	TAL NC
TCLP	Analysis	6010B		1	32775	02/03/12 12:42	NJM	TAL NC
TCLP	Prep	7470A			32342	02/02/12 14:20	LM	TAL NC
TCLP	Analysis	7470A		1	32790	02/03/12 11:07	AS	TAL NC
Total/NA	Analysis	9045C		1	31246	01/24/12 14:09	JM	TAL NC
Total/NA	Analysis	Moisture		1	31343	01/25/12 09:53	CN	TAL NC
Total/NA	Prep	9030B			31347	01/25/12 10:01	AM	TAL NC
Total/NA	Analysis	9034		1	31428	01/25/12 15:06	AM	TAL NC
Total/NA	Analysis	1010		1	31461	01/26/12 12:28	TH	TAL NC
Total/NA	Prep	9012A			32054	01/31/12 11:35	BR	TAL NC
Total/NA	Analysis	9012A		1	32125	01/31/12 14:59	BR	TAL NC

Client Sample ID: S-12616-012312-DN-02

Lab Sample ID: 240-7896-2

Date Collected: 01/23/12 14:20

Matrix: Solid

Date Received: 01/24/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			32489	02/02/12 15:00	BF	TAL NC
TCLP	Analysis	8260B		1	32884	02/07/12 02:35	TL	TAL NC
TCLP	Leach	1311			32073	01/31/12 12:26	DJ	TAL NC
TCLP	Prep	3510C			32183	02/01/12 08:35	EM	TAL NC
TCLP	Analysis	8270C		1	32399	02/02/12 21:25	JG	TAL NC
TCLP	Leach	1311			32073	01/31/12 12:26	DJ	TAL NC
TCLP	Prep	3510C			32186	02/01/12 08:39	EM	TAL NC
TCLP	Analysis	8081A		1	32235	02/01/12 23:49	AR	TAL NC
TCLP	Prep	8151A			32180	02/01/12 08:31	EM	TAL NC
TCLP	Analysis	8151A		1	32447	02/02/12 19:09	AR	TAL NC
TCLP	Leach	1311			32073	01/31/12 12:26	DJ	TAL NC
TCLP	Prep	3010A			32341	02/02/12 06:06	LM	TAL NC
TCLP	Analysis	6010B		1	32775	02/03/12 12:47	NJM	TAL NC
TCLP	Prep	7470A			32342	02/02/12 14:20	LM	TAL NC
TCLP	Analysis	7470A		1	32790	02/03/12 11:09	AS	TAL NC
Total/NA	Analysis	9045C		1	31246	01/24/12 14:09	JM	TAL NC
Total/NA	Analysis	Moisture		1	31343	01/25/12 09:53	CN	TAL NC

Client Sample ID: S-12616-012312-DN-02

Lab Sample ID: 240-7896-2

Date Collected: 01/23/12 14:20

Matrix: Solid

Date Received: 01/24/12 09:30

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9030B			31347	01/25/12 10:01	AM	TAL NC
Total/NA	Analysis	9034		1	31428	01/25/12 15:09	AM	TAL NC
Total/NA	Analysis	1010		1	31461	01/26/12 12:57	TH	TAL NC
Total/NA	Prep	9012A			32054	01/31/12 11:35	BR	TAL NC
Total/NA	Analysis	9012A		1	32125	01/31/12 15:22	BR	TAL NC

Client Sample ID: WG-12616-012312-DN-01

Lab Sample ID: 240-7896-3

Date Collected: 01/23/12 15:00

Matrix: Water

Date Received: 01/24/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	31943	01/30/12 16:38	RQ	TAL NC
Total/NA	Prep	3520C			31311	01/25/12 07:29	CC	TAL NC
Total/NA	Analysis	8270C		1	31694	01/27/12 19:49	JG	TAL NC
Total/NA	Prep	7470A			32544	02/03/12 13:25	LM	TAL NC
Total/NA	Analysis	7470A		1	32790	02/03/12 16:19	AS	TAL NC
Total Recoverable	Prep	3005A			32539	02/03/12 07:50	LM	TAL NC
Total Recoverable	Analysis	6010B		1	32942	02/06/12 12:23	KC	TAL NC
Total/NA	Analysis	7196A		1	31204	01/24/12 14:08	BR	TAL NC
Total/NA	Analysis	9040C		1	31246	01/24/12 14:09	JM	TAL NC
Total/NA	Prep	9030B			31345	01/25/12 09:58	AM	TAL NC
Total/NA	Analysis	9034		1	31428	01/25/12 15:18	AM	TAL NC
Total/NA	Analysis	1010		1	31461	01/26/12 13:42	TH	TAL NC
Total/NA	Prep	9012A			31429	01/25/12 17:12	BR	TAL NC
Total/NA	Analysis	9012A		1	31491	01/25/12 18:05	BR	TAL NC

Client Sample ID: WG-12616-012312-DN-02

Lab Sample ID: 240-7896-4

Date Collected: 01/23/12 15:30

Matrix: Water

Date Received: 01/24/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	31943	01/30/12 17:00	RQ	TAL NC
Total/NA	Prep	3520C			31311	01/25/12 07:29	CC	TAL NC
Total/NA	Analysis	8270C		1	31694	01/27/12 20:07	JG	TAL NC
Total/NA	Prep	7470A			32544	02/03/12 13:25	LM	TAL NC
Total/NA	Analysis	7470A		1	32790	02/03/12 16:13	AS	TAL NC
Total Recoverable	Prep	3005A			32809	02/06/12 09:53	AS	TAL NC
Total Recoverable	Analysis	6010B		1	33047	02/07/12 13:04	BD	TAL NC
Total Recoverable	Analysis	6010B		1	33241	02/08/12 12:33	KC	TAL NC
Total/NA	Analysis	7196A		1	31204	01/24/12 14:08	BR	TAL NC
Total/NA	Analysis	9040C		1	31246	01/24/12 14:09	JM	TAL NC
Total/NA	Prep	9030B			31345	01/25/12 09:58	AM	TAL NC
Total/NA	Analysis	9034		1	31428	01/25/12 15:27	AM	TAL NC
Total/NA	Analysis	1010		1	31461	01/26/12 14:10	TH	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Client Sample ID: WG-12616-012312-DN-02
Date Collected: 01/23/12 15:30
Date Received: 01/24/12 09:30

Lab Sample ID: 240-7896-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012A			31429	01/25/12 17:12	BR	TAL NC
Total/NA	Analysis	9012A		1	31491	01/25/12 18:05	BR	TAL NC

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-7896-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	Washington	State Program	10	C971
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

February 24, 2012

TestAmerica Project Number: G2A250459
PO/Contract: SUB NC 240-7896-1

Denise Heckler
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720

Dear Ms. Heckler,

This report contains the analytical results for the samples received under chain of custody by TestAmerica on January 25, 2012. These samples are associated with your 240-7896 project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4384.

Sincerely,

Karen Dahl
Project Manager

Table of Contents

TestAmerica West Sacramento Project Number G2A250459

Case Narrative

Quality Assurance Program

Sample Description Information

Chain of Custody Documentation

WATER, 8290, Dioxins/Furans
Samples: 1, 2
- Sample Data Sheets
- Method Blank Reports
- Laboratory QC Reports

Case Narrative

TestAmerica West Sacramento Project Number G2A250459

General Comments
Replacement sample volume was received on 2/17/12.

WATER, 8290, Dioxins/Furans
Sample(s): 1, 2
Some analytes for these samples & the method blank have been qualified with a "Q" flag since their ion abundance ratios did not meet acceptance criteria. These analytes have been reported as "estimated maximum possible concentrations" (EMPCs) since their quantitation was based on theoretical ion abundance ratios.

There were no other anomalies associated with this project.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ACCREDITED IN ACCORDANCE WITH nelac

TestAmerica Laboratories West Sacramento Certifications/Accreditations

Certifying State	Certificate #	Certifying State	Certificate #
A2LA (DoD-ELAP)	2928-01	New Mexico	NA
Alaska	UST-055	New York*	11666
Arizona	AZ0708	Oregon*	CA 200005
Arkansas	88-0691	Pennsylvania*	68-1272
California*	01119CA	South Carolina	87014
Colorado	NA	Texas*	T104704399-08-TX
Connecticut	PH-0691	UCMR	CA00044
Florida*	E87570	US Fish & Wildlife	LE148388-0
Georgia	960	USDA Foreign Plant	37-82605
Guam	10-009r	USDA Foreign Soil	P330-09-00055
Hawaii	NA	Utah*	QUAN1
Illinois*	002701	Virginia	178
Kansas*	E-10375	Washington	C581
Louisiana*	01944	West Virginia	9930C, 334
Michigan	9947	Wisconsin	998204680
Nevada	CA44	Wyoming	8TMS-Q
New Jersey*	CA005		

*NELAP accredited. A more detailed parameter list is available upon request. *Updated 5/25/2011*

QC Parameter Definitions

QC Batch: The QC batch consists of a set of up to 20 field samples that behave similarly (i.e., same matrix) and are processed using the same procedures, reagents, and standards at the same time.

Method Blank: An analytical control consisting of all reagents, which may include internal standards and surrogates, and is carried through the entire analytical procedure. The method blank is used to define the level of laboratory background contamination.

Laboratory Control Sample and Laboratory Control Sample Duplicate (LCS/LCSD): An aliquot of blank matrix spiked with known amounts of representative target analytes. The LCS (and LCSD as required) is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects. If an LCSD is performed, it may also be used to evaluate the precision of the process.

Duplicate Sample (DU): Different aliquots of the same sample are analyzed to evaluate the precision of an analysis.

Surrogates: Organic compounds not expected to be detected in field samples, which behave similarly to target analytes. These are added to every sample within a batch at a known concentration to determine the efficiency of the sample preparation and analytical process.

Matrix Spike and Matrix Spike Duplicate (MS/MSD): An MS is an aliquot of a matrix fortified with known quantities of specific compounds and subjected to an entire analytical procedure in order to indicate the appropriateness of the method for a particular matrix. The percent recovery for the respective compound(s) is then calculated. The MSD is a second aliquot of the same matrix as the matrix spike, also spiked, in order to determine the precision of the method.

Isotope Dilution: For isotope dilution methods, isotopically labeled analogs (internal standards) of the native target analytes are spiked into the sample at time of extraction. These internal standards are used for quantitation, and monitor and correct for matrix effects. Since matrix effects on method performance can be judged by the recovery of these analogs, there is little added benefit of performing MS/MSD for these methods. MS/MSD are only performed for client or QAPP requirements.

Control Limits: The reported control limits are either based on laboratory historical data, method requirements, or project data quality objectives. The control limits represent the estimated uncertainty of the test results.

Sample Summary

TestAmerica West Sacramento Project Number G2A250459

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
MQEJP	1	WG-12616-012312-DN-01	1/23/2012 03:00 PM	1/25/2012 09:15 AM
MQEJ4	2	WG-12616-012312-DN-02	1/23/2012 03:30 PM	1/25/2012 09:15 AM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

G2A250459

TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone (330) 497-9396 Fax (330) 497-0772

Chain of Custody Record

G2A250459

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Heckler, Denise D	Carrier Tracking No(s):	COC No: 240-4046.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: denise.heckler@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 240-7896-1
Address: 880 Riverside Parkway,	Due Date Requested: 2/21/2012			Preservation Codes:
City: West Sacramento	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
State, Zip: CA, 95605	PO #			
Phone: 916-373-5600(Tel)	WO #			Other:
Email:	Project #: 24005709			
Project Name: 12616-T02, Racer Elyria	SSOW#:			
Site:				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUBCONTRACT/ Dioxin	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WG-12616-012312-DN-01 (240-7896-3)	1/23/12	15:00 Eastern		Water			X		
WG-12616-012312-DN-02 (240-7896-4)	1/23/12	15:30 Eastern		Water			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	1-24-12 1730	TAL-NC	[signature]	1/25/12 1315	TA WS
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by [signature]	2/17/12 1235	TA WS

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0

TestAmerica West Sacramento (916) 373-5600

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2/27/2012

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LOT RECEIPT CHECKLIST
TestAmerica West Sacramento

CLIENT TAL NORTH CANTON PM KD

LOT# (QUANTIMS ID) G2A250459 QUOTE# 89260 LOCATION W24D

Checked (✓)

DATE RECEIVED 1/25/12 TIME RECEIVED 915 ☑

DELIVERED BY ☑ FEDEX ☐ ON TRAC ☐ OTHER

☐ GOLDENSTATE ☐ UPS ☐ EZ PARCEL

☐ TAL COURIER ☐ TAL SF ☐ CLIENT ☑

SHIPPPING CONTAINER(S) ☑ TAL ☐ CLIENT ☐ N/A

MULIT-COOLER(S) (If checked see multi-cooler form) ☐

SINGLE COOLER INFORMATION N/A

CUSTODY SEAL STATUS ☐ INTACT ☐ BROKEN ☑ N/A ☐ ☑

CUSTODY SEAL #(S) NA

COC #(S) 240-4046.1 ☐ ☑

TEMPERATURE BLANK Observed: 0 Corrected: 3

SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)

Observed: 3,3 Average 3 Corrected Average 3

LABORATORY THERMOMETER ID:

IR UNIT: #4 ☑ #5 ☐ ☐ OTHER ☐ ☑

JS (Initials) 1/25/12 (Date)

==========

pH MEASURED ☐ YES ☐ ANOMALY ☑ N/A ☑

LABELED BY..... CH ☑

LOGGED IN BY..... JS ☑

SHORT HOLD TEST NOTIFICATION

SAMPLE RECEIVING ☑

WETCHEM ☑ N/A ☑

VOA-ENCORES ☑ N/A ☑

☐ METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL ☑ N/A ☑

☑ COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES ☐ N/A ☑

☐ CLOUSEAU ☐ TEMPERATURE EXCEEDED (0 °C – 6 °C)*1 ☑ N/A

☑ WET ICE ☐ BLUE ICE ☐ GEL PACK ☐ NO COOLING AGENTS USED

JS (Initials) 1/25/12 (Date)

Notes Additional sample volume received on 2/17/12 at 0 degrees C. 2/1712 JS

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Bottle Lot Inventory

Lot ID: G2A250459

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*																				
VOAh*																				
VOAmeoh																				
AGB	1	1																		
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
____AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
125AGJmeoh																				
____CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
_____"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

h = hydrochloric acid **s** = sulfuric acid **na** = sodium hydroxide **n** = nitric acid **zn** = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

QA-185 10/09 RKE, Page 2

FedEx

ORIGIN ID: PHDA
AL HAIDET
TEST AMERICA
4101 SHUFFEL DR

NORTH CANTON, OH 44720
UNITED STATES US

SHIP DATE: 24JAN12
ACTWGT: 26.4 LB
CAD: 507102/CAFE2509

BILL RECIPIENT

TO ENVIRONMENTAL SAMPLE RECEIPT
TEST AMERICA WEST SACRAMENTO LAB
880 RIVERSIDE PARKWAY

WEST SACRAMENTO CA 95605

DEPT: AL HAIDET

FedEx Express

WED - 25 JAN A1
PRIORITY OVERNIGHT

TRK# 0201 9784 4679 7338

XH BLUA

95605
CA-US SMF

ORIGIN ID: SAVA (912) 354-7858
BERNARD KIRKLAND
TEST AMERICA
5102 LAROCHE AVE

SAVANNAH, GA 31404
UNITED STATES US

SHIP DATE: 16FEB12
ACTWGT: 28.0 LB MAN
CAD: 0622727/CAFE2509

BILL THIRD PARTY

TO SAMPLE CUSTODY
TEST AMERICA WEST SACRAMENTO
880 RIVERSIDE PKWY

WEST SACRAMENTO CA 95605
(916) 373-5600 REF:
INV:
PO: DEPT:

FedEx Express

FRI - 17 FEB A1
TRK# 0201 4598 9398 3389 STANDARD OVERNIGHT

XH BLUA

95605
CA-US SMF

Part # 156148-434 RIT2 09/11

430149

Rep | Method | Parameter

WATER, 8290, Dioxins/Furans

TestAmerica North Canton

Sample ID: WG-12616-012312-DN-01

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G2A250459 - 001	**Work Order #....:**	MQEJP2AA	**Matrix....:**	WG
Date Sampled....:	01/23/12	**Date Received....:**	01/25/12	**Dilution Factor:**	0.98
Prep Date....:	02/17/12	**Analysis Date....:**	02/21/12		
Prep Batch # ....:	2046096	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	1023.45 mL	**Analyst ID....:**	Lisa L. Hernandez		

PARAMETER	RESULT		REPORTING LIMIT	ESTIMATED DETECTION LIMIT	UNITS
2,3,7,8-TCDD	ND		9.8	0.38	pg/L
Total TCDD	ND		9.8	1.1	pg/L
1,2,3,7,8-PeCDD	ND		49	0.84	pg/L
Total PeCDD	ND		49	1.3	pg/L
1,2,3,4,7,8-HxCDD	ND		49	0.84	pg/L
1,2,3,6,7,8-HxCDD	ND		49	0.72	pg/L
1,2,3,7,8,9-HxCDD	ND		49	0.76	pg/L
Total HxCDD	ND		49	1.9	pg/L
1,2,3,4,6,7,8-HpCDD	ND		49	0.86	pg/L
Total HpCDD	ND		49	0.86	pg/L
OCDD	**1.8**	**J Q B**	**98**	**0.93**	**pg/L**
2,3,7,8-TCDF	ND		9.8	0.28	pg/L
Total TCDF	ND		9.8	0.28	pg/L
1,2,3,7,8-PeCDF	**1.8**	**J B**	**49**	**0.75**	**pg/L**
2,3,4,7,8-PeCDF	ND		49	0.77	pg/L
Total PeCDF	**1.8**		**49**	**0.76**	**pg/L**
1,2,3,4,7,8-HxCDF	**2.5**	**J B**	**49**	**0.54**	**pg/L**
1,2,3,6,7,8-HxCDF	ND		49	0.46	pg/L
2,3,4,6,7,8-HxCDF	ND		49	0.51	pg/L
1,2,3,7,8,9-HxCDF	ND		49	0.62	pg/L
Total HxCDF	**2.5**		**49**	**0.53**	**pg/L**
1,2,3,4,6,7,8-HpCDF	ND		49	0.50	pg/L
1,2,3,4,7,8,9-HpCDF	ND		49	0.65	pg/L
Total HpCDF	ND		49	0.65	pg/L
OCDF	ND		98	1.6	pg/L

TestAmerica North Canton

Sample ID: WG-12616-012312-DN-01

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G2A250459 - 001	**Work Order #....:**	MQEJP2AA	**Matrix....:**	WG
Date Sampled....:	01/23/12	**Date Received....:**	01/25/12	**Dilution Factor:**	0.98
Prep Date....:	02/17/12	**Analysis Date....:**	02/21/12		
Prep Batch # ....:	2046096	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	1023.45 mL	**Analyst ID....:**	Lisa L. Hernandez		

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	72	40 - 135
13C-1,2,3,7,8-PeCDD	60	40 - 135
13C-1,2,3,6,7,8-HxCDD	83	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	74	40 - 135
13C-OCDD	73	40 - 135
13C-2,3,7,8-TCDF	72	40 - 135
13C-1,2,3,7,8-PeCDF	61	40 - 135
13C-1,2,3,4,7,8-HxCDF	85	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	76	40 - 135

QUALIFIERS

B	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
J	Estimated Result.
Q	Estimated maximum possible concentration (EMPC).

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TestAmerica North Canton

Sample ID: WG-12616-012312-DN-02

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G2A250459 - 002	**Work Order #....:**	MQEJ42AA	**Matrix....:**	WG
Date Sampled....:	01/23/12	**Date Received....:**	01/25/12	**Dilution Factor:**	0.97
Prep Date....:	02/17/12	**Analysis Date....:**	02/21/12		
Prep Batch # ....:	2046096	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	1035.34 mL	**Analyst ID....:**	Lisa L. Hernandez		

PARAMETER	RESULT		REPORTING LIMIT	ESTIMATED DETECTION LIMIT	UNITS
2,3,7,8-TCDD	ND		9.7	0.29	pg/L
Total TCDD	ND		9.7	1.2	pg/L
1,2,3,7,8-PeCDD	ND		48	0.59	pg/L
Total PeCDD	ND		48	0.88	pg/L
1,2,3,4,7,8-HxCDD	ND		48	0.53	pg/L
1,2,3,6,7,8-HxCDD	ND		48	0.46	pg/L
1,2,3,7,8,9-HxCDD	ND		48	0.48	pg/L
Total HxCDD	ND		48	2.0	pg/L
1,2,3,4,6,7,8-HpCDD	ND		48	0.88	pg/L
Total HpCDD	ND		48	0.88	pg/L
OCDD	**1.3**	**J B**	**97**	**0.74**	**pg/L**
2,3,7,8-TCDF	**0.43**	**J Q B**	**9.7**	**0.23**	**pg/L**
Total TCDF	**0.43**		**9.7**	**0.23**	**pg/L**
1,2,3,7,8-PeCDF	**1.7**	**J B**	**48**	**0.31**	**pg/L**
2,3,4,7,8-PeCDF	ND		48	0.32	pg/L
Total PeCDF	**2.3**		**48**	**0.32**	**pg/L**
1,2,3,4,7,8-HxCDF	**2.1**	**J Q B**	**48**	**0.28**	**pg/L**
1,2,3,6,7,8-HxCDF	**0.45**	**J**	**48**	**0.24**	**pg/L**
2,3,4,6,7,8-HxCDF	**0.32**	**J**	**48**	**0.27**	**pg/L**
1,2,3,7,8,9-HxCDF	**0.60**	**J Q**	**48**	**0.32**	**pg/L**
Total HxCDF	**4.4**		**48**	**0.28**	**pg/L**
1,2,3,4,6,7,8-HpCDF	**0.44**	**J Q B**	**48**	**0.28**	**pg/L**
1,2,3,4,7,8,9-HpCDF	**0.93**	**J Q B**	**48**	**0.37**	**pg/L**
Total HpCDF	**1.8**		**48**	**0.32**	**pg/L**
OCDF	ND		97	0.90	pg/L

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TestAmerica North Canton

Sample ID: WG-12616-012312-DN-02

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G2A250459 - 002	**Work Order #....:**	MQEJ42AA	**Matrix....:**	WG
Date Sampled....:	01/23/12	**Date Received....:**	01/25/12	**Dilution Factor:**	0.97
Prep Date....:	02/17/12	**Analysis Date....:**	02/21/12		
Prep Batch # ....:	2046096	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	1035.34 mL	**Analyst ID....:**	Lisa L. Hernandez		

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	80	40 - 135
13C-1,2,3,7,8-PeCDD	72	40 - 135
13C-1,2,3,6,7,8-HxCDD	82	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	75	40 - 135
13C-OCDD	68	40 - 135
13C-2,3,7,8-TCDF	72	40 - 135
13C-1,2,3,7,8-PeCDF	69	40 - 135
13C-1,2,3,4,7,8-HxCDF	80	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	75	40 - 135

QUALIFIERS

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated Result.

Q Estimated maximum possible concentration (EMPC).

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QC DATA ASSOCIATION SUMMARY

G2A250459

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8290		2046096	
002	WG	SW846 8290		2046096	

Method Blank Report

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G2B150000 - 096B	**Work Order #....:**	MQVQ41AA	**Matrix....:**	WATER
Date Sampled....:	01/23/12	**Date Received....:**	01/25/12	**Dilution Factor:**	1
Prep Date....:	02/17/12	**Analysis Date....:**	02/21/12		
Prep Batch # ....:	2046096	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	1000 mL	**Analyst ID....:**	Lisa L. Hernandez		

PARAMETER	RESULT		REPORTING LIMIT	ESTIMATED DETECTION LIMIT	UNITS
2,3,7,8-TCDD	ND		10	0.30	pg/L
Total TCDD	ND		10	1.2	pg/L
1,2,3,7,8-PeCDD	ND		50	0.50	pg/L
Total PeCDD	ND		50	0.85	pg/L
1,2,3,4,7,8-HxCDD	ND		50	0.40	pg/L
1,2,3,6,7,8-HxCDD	ND		50	0.35	pg/L
1,2,3,7,8,9-HxCDD	ND		50	0.36	pg/L
Total HxCDD	ND		50	1.4	pg/L
1,2,3,4,6,7,8-HpCDD	ND		50	0.63	pg/L
Total HpCDD	ND		50	0.63	pg/L
OCDD	**2.3**	**J**	**100**	**0.40**	**pg/L**
2,3,7,8-TCDF	**0.42**	**J Q**	**10**	**0.23**	**pg/L**
Total TCDF	**0.42**		**10**	**0.23**	**pg/L**
1,2,3,7,8-PeCDF	**1.4**	**J**	**50**	**0.46**	**pg/L**
2,3,4,7,8-PeCDF	ND		50	0 47	pg/L
Total PeCDF	**2.0**		**50**	**0.47**	**pg/L**
1,2,3,4,7,8-HxCDF	**2.2**	**J**	**50**	**0.27**	**pg/L**
1,2,3,6,7,8-HxCDF	ND		50	0.23	pg/L
2,3,4,6,7,8-HxCDF	ND		50	0.25	pg/L
1,2,3,7,8,9-HxCDF	ND		50	0.30	pg/L
Total HxCDF	**2.6**		**50**	**0.26**	**pg/L**
1,2,3,4,6,7,8-HpCDF	**0.70**	**J Q**	**50**	**0.29**	**pg/L**
1,2,3,4,7,8,9-HpCDF	**0.67**	**J Q**	**50**	**0.38**	**pg/L**
Total HpCDF	**1.9**		**50**	**0.33**	**pg/L**
OCDF	**1.1**	**J**	**100**	**0.59**	**pg/L**

Method Blank Report

Trace Level Organic Compounds

SW846 8290

Lot - Sample #....:	G2B150000 - 096B	**Work Order #....:**	MQVQ41AA	**Matrix....:**	WATER
Date Sampled....:	01/23/12	**Date Received....:**	01/25/12	**Dilution Factor:**	1
Prep Date....:	02/17/12	**Analysis Date....:**	02/21/12		
Prep Batch # ....:	2046096	**Instrument ID....:**	3D5		
Initial Wgt/Vol :	1000 mL	**Analyst ID....:**	Lisa L. Hernandez		

INTERNAL STANDARDS	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	73	40 - 135
13C-1,2,3,7,8-PeCDD	77	40 - 135
13C-1,2,3,6,7,8-HxCDD	90	40 - 135
13C-1,2,3,4,6,7,8-HpCDD	93	40 - 135
13C-OCDD	91	40 - 135
13C-2,3,7,8-TCDF	71	40 - 135
13C-1,2,3,7,8-PeCDF	74	40 - 135
13C-1,2,3,4,7,8-HxCDF	86	40 - 135
13C-1,2,3,4,6,7,8-HpCDF	83	40 - 135

QUALIFIERS

J Estimated Result.

Q Estimated maximum possible concentration (EMPC)

LABORATORY CONTROL SAMPLE DATA REPORT

Trace Level Organic Compounds

Client Lot # ...:	G2A250459	**Work Order # ...:**	MQVQ41AC-LCS	**Matrix .....:**	WATER
LCS Lot-Sample# :	G2B150000 - 096				
Prep Date .....:	02/17/12	**Analysis Date ..:**	02/21/12		
Prep Batch # ...:	2046096				
Dilution Factor :	1				
Analyst ID.....:	Lisa L. Hernandez	**Instrument ID..:**	3D5	**Method.....:**	SW846 8290
Initial Wgt/Vol:	1000 mL				

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RECOVERY LIMITS
2,3,7,8-TCDD	**200**	**202**	**pg/L**	**101**	**(72 - 144)**
1,2,3,7,8-PeCDD	**1000**	**1000**	**pg/L**	**100**	**(79 - 125)**
1,2,3,4,7,8-HxCDD	**1000**	**948**	**pg/L**	**95**	**(65 - 144)**
1,2,3,6,7,8-HxCDD	**1000**	**995**	**pg/L**	**100**	**(78 - 137)**
1,2,3,7,8,9-HxCDD	**1000**	**989**	**pg/L**	**99**	**(74 - 142)**
1,2,3,4,6,7,8-HpCDD	**1000**	**914**	**pg/L**	**91**	**(81 - 132)**
OCDD	**2000**	**1990**	**pg/L**	**100**	**(80 - 129)**
2,3,7,8-TCDF	**200**	**194**	**pg/L**	**97**	**(73 - 150)**
1,2,3,7,8-PeCDF	**1000**	**988**	**pg/L**	**99**	**(79 - 137)**
2,3,4,7,8-PeCDF	**1000**	**1010**	**pg/L**	**101**	**(76 - 137)**
1,2,3,4,7,8-HxCDF	**1000**	**950**	**pg/L**	**95**	**(86 - 126)**
1,2,3,6,7,8-HxCDF	**1000**	**969**	**pg/L**	**97**	**(79 - 137)**
2,3,4,6,7,8-HxCDF	**1000**	**951**	**pg/L**	**95**	**(80 - 138)**
1,2,3,7,8,9-HxCDF	**1000**	**978**	**pg/L**	**98**	**(72 - 145)**
1,2,3,4,6,7,8-HpCDF	**1000**	**1030**	**pg/L**	**103**	**(81 - 135)**
1,2,3,4,7,8,9-HpCDF	**1000**	**1070**	**pg/L**	**107**	**(72 - 140)**
OCDF	**2000**	**2120**	**pg/L**	**106**	**(65 - 145)**

INTERNAL STANDARD	PERCENT RECOVERY	RECOVERY LIMITS
13C-2,3,7,8-TCDD	72	(40 - 135)
13C-1,2,3,7,8-PeCDD	71	(40 - 135)
13C-1,2,3,6,7,8-HxCDD	79	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDD	79	(40 - 135)
13C-OCDD	72	(40 - 135)
13C-2,3,7,8-TCDF	69	(40 - 135)
13C-1,2,3,7,8-PeCDF	67	(40 - 135)
13C-1,2,3,4,7,8-HxCDF	77	(40 - 135)
13C-1,2,3,4,6,7,8-HpCDF	72	(40 - 135)

Notes:

Calculations are performed before rounding to avoid round-off errors in calculated results

Bold print denotes control parameters

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: CRA	A. LaVine	P. Newton	D. Hockler	029304
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	1 of 1 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)		For lab use only
Phone:		TAT if different from below _____		Walk-in client ☐
Project Name: Elyria BACER	Method of Shipment/Carrier: Fed Ex	☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Lab pickup ☐
Project Number: 12616-T02	Shipping/Tracking No:			Lab sampling ☐
PO #				Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: TCLP VOC, SVOC, PCBs	Herb, Fl. Pt. Corros.	CN-Tot. calc-Sulfide	TCLP Metals, Mercury	Cont-Sulfide	Corros., Mercury	TAL Metals, VOC	SVOC Dioxins	Fl. Pt. Cr VI	Tot-CN	Sample Specific Notes / Special Instructions:
S-12616-012312-DN-01	1-23-12	1400				X											✓	✓	✓	✓							
" " " 02		1420				X											✓	✓	✓	✓							
WG-12616-012312-DN-01		1500		X																	✓	✓	✓	✓	✓	✓	only 3 SVOC Ambers each
" " " " -02		1530		X																	✓	✓	✓	✓	✓	✓	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
SSOW # 12616-T02 -waste -20120112

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Dan Newton	CRA	1-23-12 / 1800			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL	Date/Time: 1-24-12 930

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TAL 0018-1 (04/10)

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: 7896

Client CRA Project _____ By: _____ (Signature)

Cooler Received on 1-24-12 Opened on 1-24-12

(FedEx) UPS DHL FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ (Multiple Coolers) Foam Box Client Cooler Other _____

1. Were custody seals on the outside of the cooler(s)? Yes (No) Intact? Yes No (NA)
   If YES, Quantity _____ Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes No (NA)
   Were custody seals on the bottle(s)? (Yes) No
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? (Yes) No
3. Did custody papers accompany the sample(s)? (Yes) No Relinquished by client? (Yes) No
4. Were the custody papers signed in the appropriate place? (Yes) No
5. Packing material used: (Bubble Wrap) Foam None Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps
   METHOD: (IR) Other _____
   COOLANT: (Wet Ice) Blue Ice Dry Ice Water None
7. Did all bottles arrive in good condition (Unbroken)? (Yes) No
8. Could all bottle labels be reconciled with the COC? (Yes) No
9. Were sample(s) at the correct pH upon receipt? (Yes) No NA
10. Were correct bottle(s) used for the test(s) indicated? (Yes) No
11. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
12. Sufficient quantity received to perform indicated analyses? (Yes) No
13. Was a trip blank present in the cooler(s)? Yes No Were VOAs on the COC? (Yes) No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 110410-HNO_3; Sulfuric Acid Lot# 041911-H_2SO_4; Sodium Hydroxide Lot# 121809 -NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN$/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
1	<2 >9 12	1-24-12	NS
2	<2 >9 12	"	"

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
Nott	3.1	AR	ice
client	2.5	+	+

Discrepancies Cont'd:

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-7896-1

Login Number: 7896

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1/2.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-8929-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Denise D Heckler

Authorized for release by:
3/13/2012 4:12:01 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

LINKS

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Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-8929-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-8929-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

A revised chain of custody was received on March 12, 2012.

RECEIPT

The samples were received on 03/03/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.9 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/07/2012 and 03/09/2012.

1,2,4-Trichlorobenzene was detected in method blank MB 240-36298/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

1,1,2-Trichloro-1,2,2-trifluoroethane failed the recovery criteria low for LCS 240-36073/4. Several analytes failed the recovery criteria high.

1,2-Dichloropropane and Dichlorobromomethane failed the recovery criteria high for the MS/MSD of sample WG-12616-022812-DN-01(240-8929-1) in batch 240-36073. 1,2-Dichloropropane and Dichlorobromomethane failed the recovery criteria high in the MSD.

Job ID: 240-8929-1 (Continued)

Laboratory: TestAmerica North Canton (Continued)

Samples WG-12616-030212-DN-23 (240-8929-23)[14.29X], WG-12616-030212-DN-26 (240-8929-26)[1.67X] and WG-12616-030212-DN-30 (240-8929-30)[1.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-8929-1	WG-12616-022812-DN-01	Water	02/28/12 11:15	03/03/12 09:30
240-8929-2	WG-12616-022812-DN-02	Water	02/28/12 13:45	03/03/12 09:30
240-8929-3	WG-12616-022812-DN-03	Water	02/28/12 15:40	03/03/12 09:30
240-8929-4	WG-12616-022812-DN-04	Water	02/28/12 16:45	03/03/12 09:30
240-8929-5	WG-12616-022812-DN-05	Water	02/28/12 17:50	03/03/12 09:30
240-8929-6	WG-12616-022912-DN-06	Water	02/29/12 09:05	03/03/12 09:30
240-8929-7	WG-12616-022912-DN-07	Water	02/29/12 10:45	03/03/12 09:30
240-8929-8	WG-12616-022912-DN-08	Water	02/29/12 11:50	03/03/12 09:30
240-8929-9	WG-12616-022912-DN-09	Water	02/29/12 13:50	03/03/12 09:30
240-8929-10	WG-12616-022912-DN-10	Water	02/29/12 15:40	03/03/12 09:30
240-8929-11	WG-12616-022912-DN-11	Water	02/29/12 16:50	03/03/12 09:30
240-8929-12	WG-12616-022912-DN-12	Water	02/29/12 17:30	03/03/12 09:30
240-8929-13	WG-12616-022912-DN-13	Water	02/29/12 18:00	03/03/12 09:30
240-8929-14	WG-12616-030112-DN-14	Water	03/01/12 08:55	03/03/12 09:30
240-8929-15	WG-12616-030112-DN-15	Water	03/01/12 10:15	03/03/12 09:30
240-8929-16	WG-12616-030112-DN-16	Water	03/01/12 11:20	03/03/12 09:30
240-8929-17	WG-12616-030112-DN-17	Water	03/01/12 12:55	03/03/12 09:30
240-8929-18	WG-12616-030112-DN-18	Water	03/01/12 14:40	03/03/12 09:30
240-8929-19	WG-12616-030112-DN-19	Water	03/01/12 18:15	03/03/12 09:30
240-8929-20	WG-12616-030112-DN-20	Water	03/01/12 16:55	03/03/12 09:30
240-8929-21	WG-12616-030112-DN-21	Water	03/01/12 17:50	03/03/12 09:30
240-8929-22	WG-12616-030112-DN-22	Water	03/01/12 18:40	03/03/12 09:30
240-8929-23	WG-12616-030212-DN-23	Water	03/02/12 07:25	03/03/12 09:30
240-8929-24	WG-12616-030212-DN-24	Water	03/02/12 08:40	03/03/12 09:30
240-8929-25	WG-12616-030212-DN-25	Water	03/02/12 10:10	03/03/12 09:30
240-8929-26	WG-12616-030212-DN-26	Water	03/02/12 11:20	03/03/12 09:30
240-8929-27	WG-12616-030212-DN-27	Water	03/02/12 12:30	03/03/12 09:30
240-8929-28	WG-12616-030212-DN-28	Water	03/02/12 14:30	03/03/12 09:30
240-8929-29	RB-12616-030212-DN-29	Water	03/02/12 15:00	03/03/12 09:30
240-8929-30	WG-12616-030212-DN-30	Water	03/02/12 15:30	03/03/12 09:30
240-8929-31	TB-030212-001	Water	03/02/12 00:00	03/03/12 09:30

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-01 — Lab Sample ID: 240-8929-1

No Detections

Client Sample ID: WG-12616-022812-DN-02 — Lab Sample ID: 240-8929-2

No Detections

Client Sample ID: WG-12616-022812-DN-03 — Lab Sample ID: 240-8929-3

No Detections

Client Sample ID: WG-12616-022812-DN-04 — Lab Sample ID: 240-8929-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.38	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-022812-DN-05 — Lab Sample ID: 240-8929-5

No Detections

Client Sample ID: WG-12616-022912-DN-06 — Lab Sample ID: 240-8929-6

No Detections

Client Sample ID: WG-12616-022912-DN-07 — Lab Sample ID: 240-8929-7

No Detections

Client Sample ID: WG-12616-022912-DN-08 — Lab Sample ID: 240-8929-8

No Detections

Client Sample ID: WG-12616-022912-DN-09 — Lab Sample ID: 240-8929-9

No Detections

Client Sample ID: WG-12616-022912-DN-10 — Lab Sample ID: 240-8929-10

No Detections

Client Sample ID: WG-12616-022912-DN-11 — Lab Sample ID: 240-8929-11

No Detections

Client Sample ID: WG-12616-022912-DN-12 — Lab Sample ID: 240-8929-12

No Detections

Client Sample ID: WG-12616-022912-DN-13 — Lab Sample ID: 240-8929-13

No Detections

Client Sample ID: WG-12616-030112-DN-14 — Lab Sample ID: 240-8929-14

No Detections

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-15 — Lab Sample ID: 240-8929-15

No Detections

Client Sample ID: WG-12616-030112-DN-16 — Lab Sample ID: 240-8929-16

No Detections

Client Sample ID: WG-12616-030112-DN-17 — Lab Sample ID: 240-8929-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	10	1.1	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-030112-DN-18 — Lab Sample ID: 240-8929-18

No Detections

Client Sample ID: WG-12616-030112-DN-19 — Lab Sample ID: 240-8929-19

No Detections

Client Sample ID: WG-12616-030112-DN-20 — Lab Sample ID: 240-8929-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.56	J	1.0	0.22	ug/L	1		8260B	Total/NA
1,2,4-Trichlorobenzene	0.57	J B	1.0	0.15	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-030112-DN-21 — Lab Sample ID: 240-8929-21

No Detections

Client Sample ID: WG-12616-030112-DN-22 — Lab Sample ID: 240-8929-22

No Detections

Client Sample ID: WG-12616-030212-DN-23 — Lab Sample ID: 240-8929-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	3.0	J	14	2.7	ug/L	14.286		8260B	Total/NA
Trichloroethene	380		14	2.4	ug/L	14.286		8260B	Total/NA
Vinyl chloride	71		14	3.1	ug/L	14.286		8260B	Total/NA
cis-1,2-Dichloroethene	340		14	2.4	ug/L	14.286		8260B	Total/NA
trans-1,2-Dichloroethene	170		14	2.7	ug/L	14.286		8260B	Total/NA

Client Sample ID: WG-12616-030212-DN-24 — Lab Sample ID: 240-8929-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	22		1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	1.3		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	7.9		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.4		1.0	0.19	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-030212-DN-25 — Lab Sample ID: 240-8929-25

No Detections

Client Sample ID: WG-12616-030212-DN-26 — Lab Sample ID: 240-8929-26

Client Sample ID: WG-12616-030212-DN-26 (Continued) — Lab Sample ID: 240-8929-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.83	J	1.7	0.37	ug/L	1.667		8260B	Total/NA
cis-1,2-Dichloroethene	59		1.7	0.28	ug/L	1.667		8260B	Total/NA
trans-1,2-Dichloroethene	3.5		1.7	0.32	ug/L	1.667		8260B	Total/NA

Client Sample ID: WG-12616-030212-DN-27 — Lab Sample ID: 240-8929-27

No Detections

Client Sample ID: WG-12616-030212-DN-28 — Lab Sample ID: 240-8929-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.60	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.57	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: RB-12616-030212-DN-29 — Lab Sample ID: 240-8929-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	42		10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	3.6	J	10	0.57	ug/L	1		8260B	Total/NA
Toluene	0.28	J	1.0	0.13	ug/L	1		8260B	Total/NA

Client Sample ID: WG-12616-030212-DN-30 — Lab Sample ID: 240-8929-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.81	J	1.7	0.37	ug/L	1.667		8260B	Total/NA
cis-1,2-Dichloroethene	60		1.7	0.28	ug/L	1.667		8260B	Total/NA
trans-1,2-Dichloroethene	3.4		1.7	0.32	ug/L	1.667		8260B	Total/NA

Client Sample ID: TB-030212-001 — Lab Sample ID: 240-8929-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.7	J	10	1.1	ug/L	1		8260B	Total/NA

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-01
Date Collected: 02/28/12 11:15
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 12:14	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 12:14	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 12:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 12:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 12:14	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 12:14	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 12:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 12:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 12:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 12:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 12:14	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 12:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 12:14	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 12:14	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 12:14	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 12:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 12:14	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 12:14	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 12:14	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 12:14	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 12:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 12:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 12:14	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 12:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 12:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 12:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 12:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 12:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 12:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 12:14	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 12:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 12:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 12:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 12:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 12:14	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 12:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 12:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 12:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 12:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 12:14	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 12:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*63 - 129*		*03/07/12 12:14*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-01
Date Collected: 02/28/12 11:15
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		66 - 117		03/07/12 12:14	1
Toluene-d8 (Surr)	105		74 - 115		03/07/12 12:14	1
Dibromofluoromethane (Surr)	111		75 - 121		03/07/12 12:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-02
Date Collected: 02/28/12 13:45
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 12:36	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 12:36	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 12:36	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 12:36	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 12:36	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 12:36	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 12:36	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 12:36	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 12:36	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 12:36	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 12:36	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 12:36	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 12:36	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 12:36	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 12:36	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 12:36	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 12:36	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 12:36	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 12:36	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 12:36	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 12:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 12:36	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 12:36	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 12:36	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 12:36	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 12:36	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 12:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 12:36	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 12:36	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 12:36	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 12:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 12:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 12:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 12:36	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 12:36	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 12:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 12:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 12:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 12:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 12:36	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 12:36	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*63 - 129*		*03/07/12 12:36*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-02
Date Collected: 02/28/12 13:45
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 117		03/07/12 12:36	1
Toluene-d8 (Surr)	108		74 - 115		03/07/12 12:36	1
Dibromofluoromethane (Surr)	111		75 - 121		03/07/12 12:36	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-03
Date Collected: 02/28/12 15:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 12:59	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 12:59	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 12:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 12:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 12:59	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 12:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 12:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 12:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 12:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 12:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 12:59	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 12:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 12:59	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 12:59	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 12:59	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 12:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 12:59	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 12:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 12:59	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 12:59	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 12:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 12:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 12:59	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 12:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 12:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 12:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 12:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 12:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 12:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 12:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 12:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 12:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 12:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 12:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 12:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 12:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 12:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 12:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 12:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 12:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 12:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*63 - 129*		*03/07/12 12:59*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-03
Date Collected: 02/28/12 15:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 117		03/07/12 12:59	1
Toluene-d8 (Surr)	105		74 - 115		03/07/12 12:59	1
Dibromofluoromethane (Surr)	108		75 - 121		03/07/12 12:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-04
Date Collected: 02/28/12 16:45
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 13:22	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 13:22	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 13:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 13:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 13:22	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 13:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 13:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 13:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 13:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 13:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 13:22	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 13:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 13:22	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 13:22	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 13:22	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 13:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 13:22	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 13:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 13:22	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 13:22	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 13:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 13:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 13:22	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 13:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 13:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 13:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 13:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 13:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 13:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 13:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 13:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 13:22	1
cis-1,2-Dichloroethene	**0.38**	**J**	1.0	0.17	ug/L			03/07/12 13:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 13:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 13:22	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 13:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 13:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 13:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 13:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 13:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*63 - 129*		*03/07/12 13:22*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-04
Date Collected: 02/28/12 16:45
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 117		03/07/12 13:22	1
Toluene-d8 (Surr)	106		74 - 115		03/07/12 13:22	1
Dibromofluoromethane (Surr)	109		75 - 121		03/07/12 13:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-05
Date Collected: 02/28/12 17:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 13:44	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 13:44	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 13:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 13:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 13:44	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 13:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 13:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 13:44	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 13:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 13:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 13:44	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 13:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 13:44	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 13:44	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 13:44	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 13:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 13:44	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 13:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 13:44	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 13:44	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 13:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 13:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 13:44	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 13:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 13:44	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 13:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 13:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 13:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 13:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 13:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 13:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 13:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 13:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 13:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 13:44	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 13:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 13:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 13:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 13:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 13:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*63 - 129*		*03/07/12 13:44*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022812-DN-05
Date Collected: 02/28/12 17:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 117		03/07/12 13:44	1
Toluene-d8 (Surr)	105		74 - 115		03/07/12 13:44	1
Dibromofluoromethane (Surr)	110		75 - 121		03/07/12 13:44	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-06
Date Collected: 02/29/12 09:05
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 14:07	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 14:07	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 14:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 14:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 14:07	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 14:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 14:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 14:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 14:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 14:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 14:07	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 14:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 14:07	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 14:07	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 14:07	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 14:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 14:07	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 14:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 14:07	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 14:07	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 14:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 14:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 14:07	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 14:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 14:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 14:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 14:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 14:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 14:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 14:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 14:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 14:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 14:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 14:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 14:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 14:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 14:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 14:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 14:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 14:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 14:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*63 - 129*		*03/07/12 14:07*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-06
Date Collected: 02/29/12 09:05
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		66 - 117		03/07/12 14:07	1
Toluene-d8 (Surr)	107		74 - 115		03/07/12 14:07	1
Dibromofluoromethane (Surr)	106		75 - 121		03/07/12 14:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-07
Date Collected: 02/29/12 10:45
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 14:29	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 14:29	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 14:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 14:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 14:29	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 14:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 14:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 14:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 14:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 14:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 14:29	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 14:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 14:29	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 14:29	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 14:29	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 14:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 14:29	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 14:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 14:29	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 14:29	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 14:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 14:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 14:29	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 14:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 14:29	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 14:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 14:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 14:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 14:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 14:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 14:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 14:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 14:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 14:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 14:29	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 14:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 14:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 14:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 14:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 14:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 14:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*63 - 129*		*03/07/12 14:29*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-07
Date Collected: 02/29/12 10:45
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		66 - 117		03/07/12 14:29	1
Toluene-d8 (Surr)	109		74 - 115		03/07/12 14:29	1
Dibromofluoromethane (Surr)	110		75 - 121		03/07/12 14:29	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-08
Date Collected: 02/29/12 11:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 14:52	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 14:52	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 14:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 14:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 14:52	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 14:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 14:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 14:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 14:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 14:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 14:52	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 14:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 14:52	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 14:52	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 14:52	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 14:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 14:52	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 14:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 14:52	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 14:52	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 14:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 14:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 14:52	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 14:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 14:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 14:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 14:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 14:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 14:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 14:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 14:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 14:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 14:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 14:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 14:52	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 14:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 14:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 14:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 14:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 14:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 14:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*63 - 129*		*03/07/12 14:52*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-08
Date Collected: 02/29/12 11:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		66 - 117		03/07/12 14:52	1
Toluene-d8 (Surr)	107		74 - 115		03/07/12 14:52	1
Dibromofluoromethane (Surr)	108		75 - 121		03/07/12 14:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-09
Date Collected: 02/29/12 13:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 15:15	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 15:15	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 15:15	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 15:15	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 15:15	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 15:15	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 15:15	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 15:15	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 15:15	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 15:15	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 15:15	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 15:15	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 15:15	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 15:15	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 15:15	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 15:15	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 15:15	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 15:15	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 15:15	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 15:15	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 15:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 15:15	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 15:15	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 15:15	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 15:15	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 15:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 15:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 15:15	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 15:15	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 15:15	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 15:15	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 15:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 15:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 15:15	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 15:15	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 15:15	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 15:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 15:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 15:15	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 15:15	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*63 - 129*		*03/07/12 15:15*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-09
Date Collected: 02/29/12 13:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		66 - 117		03/07/12 15:15	1
Toluene-d8 (Surr)	108		74 - 115		03/07/12 15:15	1
Dibromofluoromethane (Surr)	107		75 - 121		03/07/12 15:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-10
Date Collected: 02/29/12 15:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 15:37	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 15:37	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 15:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 15:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 15:37	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 15:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 15:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 15:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 15:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 15:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 15:37	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 15:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 15:37	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 15:37	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 15:37	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 15:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 15:37	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 15:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 15:37	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 15:37	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 15:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 15:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 15:37	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 15:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 15:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 15:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 15:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 15:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 15:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 15:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 15:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 15:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 15:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 15:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 15:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 15:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 15:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 15:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 15:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 15:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*63 - 129*		*03/07/12 15:37*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-10
Date Collected: 02/29/12 15:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 117		03/07/12 15:37	1
Toluene-d8 (Surr)	107		74 - 115		03/07/12 15:37	1
Dibromofluoromethane (Surr)	106		75 - 121		03/07/12 15:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-11
Date Collected: 02/29/12 16:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 16:00	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 16:00	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 16:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 16:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 16:00	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 16:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 16:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 16:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 16:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 16:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 16:00	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 16:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 16:00	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 16:00	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 16:00	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 16:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 16:00	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 16:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 16:00	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 16:00	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 16:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 16:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 16:00	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 16:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 16:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 16:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 16:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 16:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 16:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 16:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 16:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 16:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 16:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 16:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 16:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 16:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 16:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 16:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 16:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 16:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*63 - 129*		*03/07/12 16:00*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-11
Date Collected: 02/29/12 16:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 117		03/07/12 16:00	1
Toluene-d8 (Surr)	107		74 - 115		03/07/12 16:00	1
Dibromofluoromethane (Surr)	105		75 - 121		03/07/12 16:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-12
Date Collected: 02/29/12 17:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 16:22	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 16:22	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 16:22	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 16:22	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 16:22	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 16:22	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 16:22	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 16:22	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 16:22	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 16:22	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 16:22	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 16:22	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 16:22	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 16:22	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 16:22	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 16:22	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 16:22	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 16:22	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 16:22	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 16:22	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 16:22	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 16:22	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 16:22	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 16:22	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 16:22	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 16:22	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 16:22	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 16:22	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 16:22	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 16:22	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 16:22	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 16:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 16:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 16:22	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 16:22	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 16:22	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 16:22	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 16:22	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 16:22	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 16:22	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 129*		*03/07/12 16:22*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-12
Date Collected: 02/29/12 17:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 117		03/07/12 16:22	1
Toluene-d8 (Surr)	109		74 - 115		03/07/12 16:22	1
Dibromofluoromethane (Surr)	102		75 - 121		03/07/12 16:22	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-13
Date Collected: 02/29/12 18:00
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 16:45	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 16:45	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 16:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 16:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 16:45	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 16:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 16:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 16:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 16:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 16:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 16:45	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 16:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 16:45	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 16:45	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 16:45	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 16:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 16:45	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 16:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 16:45	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 16:45	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 16:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 16:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 16:45	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 16:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 16:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 16:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 16:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 16:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 16:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 16:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 16:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 16:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 16:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 16:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 16:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 16:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 16:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 16:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 16:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 16:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*63 - 129*		*03/07/12 16:45*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-022912-DN-13
Date Collected: 02/29/12 18:00
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 117		03/07/12 16:45	1
Toluene-d8 (Surr)	107		74 - 115		03/07/12 16:45	1
Dibromofluoromethane (Surr)	106		75 - 121		03/07/12 16:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-14
Date Collected: 03/01/12 08:55
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 17:08	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 17:08	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 17:08	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 17:08	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 17:08	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 17:08	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 17:08	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 17:08	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 17:08	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 17:08	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 17:08	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 17:08	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 17:08	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 17:08	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 17:08	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 17:08	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 17:08	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 17:08	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 17:08	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 17:08	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 17:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 17:08	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 17:08	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 17:08	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 17:08	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 17:08	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 17:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 17:08	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 17:08	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 17:08	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 17:08	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 17:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 17:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 17:08	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 17:08	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 17:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 17:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 17:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 17:08	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 17:08	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*63 - 129*		*03/07/12 17:08*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-14
Date Collected: 03/01/12 08:55
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-14
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 117		03/07/12 17:08	1
Toluene-d8 (Surr)	106		74 - 115		03/07/12 17:08	1
Dibromofluoromethane (Surr)	108		75 - 121		03/07/12 17:08	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-15
Date Collected: 03/01/12 10:15
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 17:30	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 17:30	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 17:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 17:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 17:30	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 17:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 17:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 17:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 17:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 17:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 17:30	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 17:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 17:30	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 17:30	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 17:30	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 17:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 17:30	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 17:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 17:30	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 17:30	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 17:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 17:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 17:30	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 17:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 17:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 17:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 17:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 17:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 17:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 17:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 17:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 17:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 17:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 17:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 17:30	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 17:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 17:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 17:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 17:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 17:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*63 - 129*		*03/07/12 17:30*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-15
Date Collected: 03/01/12 10:15
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-15
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 117		03/07/12 17:30	1
Toluene-d8 (Surr)	104		74 - 115		03/07/12 17:30	1
Dibromofluoromethane (Surr)	102		75 - 121		03/07/12 17:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-16
Date Collected: 03/01/12 11:20
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 17:52	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 17:52	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 17:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 17:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 17:52	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 17:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 17:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 17:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 17:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 17:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 17:52	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 17:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 17:52	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 17:52	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 17:52	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 17:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 17:52	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 17:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 17:52	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 17:52	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 17:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 17:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 17:52	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 17:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 17:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 17:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 17:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 17:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 17:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 17:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 17:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 17:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 17:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 17:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 17:52	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 17:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 17:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 17:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 17:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 17:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 17:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*63 - 129*		*03/07/12 17:52*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-16
Date Collected: 03/01/12 11:20
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 117		03/07/12 17:52	1
Toluene-d8 (Surr)	105		74 - 115		03/07/12 17:52	1
Dibromofluoromethane (Surr)	107		75 - 121		03/07/12 17:52	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-17
Date Collected: 03/01/12 12:55
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.9	J	10	1.1	ug/L			03/07/12 18:14	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 18:14	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 18:14	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 18:14	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 18:14	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 18:14	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 18:14	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 18:14	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 18:14	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 18:14	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 18:14	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 18:14	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 18:14	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 18:14	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 18:14	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 18:14	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 18:14	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 18:14	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 18:14	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 18:14	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 18:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 18:14	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 18:14	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 18:14	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 18:14	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 18:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 18:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 18:14	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 18:14	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 18:14	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 18:14	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 18:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 18:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 18:14	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 18:14	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 18:14	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 18:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 18:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 18:14	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 18:14	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 129*		*03/07/12 18:14*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-17
Date Collected: 03/01/12 12:55
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 117		03/07/12 18:14	1
Toluene-d8 (Surr)	104		74 - 115		03/07/12 18:14	1
Dibromofluoromethane (Surr)	102		75 - 121		03/07/12 18:14	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-18
Date Collected: 03/01/12 14:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 18:37	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 18:37	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 18:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 18:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 18:37	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 18:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 18:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 18:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 18:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 18:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 18:37	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 18:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 18:37	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 18:37	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 18:37	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 18:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 18:37	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 18:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 18:37	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 18:37	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 18:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 18:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 18:37	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 18:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 18:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 18:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 18:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 18:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 18:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 18:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 18:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 18:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 18:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 18:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 18:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 18:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 18:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 18:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 18:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 18:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*63 - 129*		*03/07/12 18:37*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-18
Date Collected: 03/01/12 14:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-18
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 117		03/07/12 18:37	1
Toluene-d8 (Surr)	106		74 - 115		03/07/12 18:37	1
Dibromofluoromethane (Surr)	106		75 - 121		03/07/12 18:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-19
Date Collected: 03/01/12 18:15
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 18:59	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 18:59	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 18:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 18:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 18:59	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 18:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 18:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 18:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 18:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 18:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 18:59	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 18:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 18:59	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 18:59	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 18:59	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 18:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 18:59	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 18:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 18:59	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 18:59	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 18:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 18:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 18:59	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 18:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 18:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 18:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 18:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 18:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 18:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 18:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 18:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 18:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 18:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 18:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 18:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 18:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 18:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 18:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 18:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 18:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*63 - 129*		*03/07/12 18:59*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-19
Date Collected: 03/01/12 18:15
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		66 - 117		03/07/12 18:59	1
Toluene-d8 (Surr)	106		74 - 115		03/07/12 18:59	1
Dibromofluoromethane (Surr)	106		75 - 121		03/07/12 18:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-20
Date Collected: 03/01/12 16:55
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 14:55	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 14:55	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 14:55	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 14:55	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 14:55	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 14:55	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 14:55	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 14:55	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 14:55	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 14:55	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 14:55	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 14:55	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 14:55	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 14:55	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 14:55	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 14:55	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 14:55	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 14:55	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 14:55	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 14:55	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 14:55	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 14:55	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 14:55	1
Vinyl chloride	**0.56**	**J**	1.0	0.22	ug/L			03/09/12 14:55	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 14:55	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 14:55	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 14:55	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 14:55	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 14:55	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 14:55	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 14:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 14:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 14:55	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 14:55	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 14:55	1
1,2,4-Trichlorobenzene	**0.57**	**J B**	1.0	0.15	ug/L			03/09/12 14:55	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 14:55	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 14:55	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 14:55	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*03/09/12 14:55*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-20
Date Collected: 03/01/12 16:55
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-20
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		66 - 117		03/09/12 14:55	1
Toluene-d8 (Surr)	93		74 - 115		03/09/12 14:55	1
Dibromofluoromethane (Surr)	96		75 - 121		03/09/12 14:55	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-21
Date Collected: 03/01/12 17:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 15:16	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 15:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 15:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 15:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 15:16	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 15:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 15:16	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 15:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 15:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 15:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 15:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 15:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 15:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 15:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 15:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 15:16	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 15:16	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 15:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 15:16	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 15:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 15:16	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 15:16	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 15:16	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/09/12 15:16	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 15:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 15:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 15:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 15:16	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 15:16	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 15:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 15:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 15:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 15:16	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 15:16	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 15:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 15:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 15:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 15:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 15:16	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 15:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*		*03/09/12 15:16*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-21
Date Collected: 03/01/12 17:50
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		66 - 117		03/09/12 15:16	1
Toluene-d8 (Surr)	94		74 - 115		03/09/12 15:16	1
Dibromofluoromethane (Surr)	105		75 - 121		03/09/12 15:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-22
Date Collected: 03/01/12 18:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 15:37	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 15:37	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 15:37	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 15:37	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 15:37	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 15:37	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 15:37	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 15:37	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 15:37	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 15:37	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 15:37	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 15:37	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 15:37	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 15:37	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 15:37	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 15:37	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 15:37	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 15:37	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 15:37	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 15:37	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 15:37	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 15:37	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 15:37	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/09/12 15:37	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 15:37	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 15:37	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 15:37	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 15:37	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 15:37	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 15:37	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 15:37	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 15:37	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 15:37	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 15:37	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 15:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 15:37	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 15:37	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 15:37	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 15:37	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 15:37	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*03/09/12 15:37*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030112-DN-22
Date Collected: 03/01/12 18:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-22
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 117		03/09/12 15:37	1
Toluene-d8 (Surr)	91		74 - 115		03/09/12 15:37	1
Dibromofluoromethane (Surr)	96		75 - 121		03/09/12 15:37	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-23
Date Collected: 03/02/12 07:25
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	140	U	140	16	ug/L			03/09/12 12:24	14.286
Benzene	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
Dichlorobromomethane	14	U	14	2.1	ug/L			03/09/12 12:24	14.286
Bromoform	14	U	14	9.1	ug/L			03/09/12 12:24	14.286
Bromomethane	14	U	14	5.9	ug/L			03/09/12 12:24	14.286
2-Butanone (MEK)	140	U	140	8.1	ug/L			03/09/12 12:24	14.286
Carbon disulfide	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
Carbon tetrachloride	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
Chlorobenzene	14	U	14	2.1	ug/L			03/09/12 12:24	14.286
Chloroethane	14	U	14	4.1	ug/L			03/09/12 12:24	14.286
Chloroform	14	U	14	2.3	ug/L			03/09/12 12:24	14.286
Chloromethane	14	U	14	4.3	ug/L			03/09/12 12:24	14.286
1,1-Dichloroethane	14	U	14	2.1	ug/L			03/09/12 12:24	14.286
1,2-Dichloroethane	14	U	14	3.1	ug/L			03/09/12 12:24	14.286
1,1-Dichloroethene	**3.0**	**J**	14	2.7	ug/L			03/09/12 12:24	14.286
1,2-Dichloropropane	14	U	14	2.6	ug/L			03/09/12 12:24	14.286
cis-1,3-Dichloropropene	14	U	14	2.0	ug/L			03/09/12 12:24	14.286
trans-1,3-Dichloropropene	14	U	14	2.7	ug/L			03/09/12 12:24	14.286
Ethylbenzene	14	U	14	2.4	ug/L			03/09/12 12:24	14.286
2-Hexanone	140	U	140	5.9	ug/L			03/09/12 12:24	14.286
Methylene Chloride	14	U	14	4.7	ug/L			03/09/12 12:24	14.286
4-Methyl-2-pentanone (MIBK)	140	U	140	4.6	ug/L			03/09/12 12:24	14.286
Styrene	14	U	14	1.6	ug/L			03/09/12 12:24	14.286
1,1,2,2-Tetrachloroethane	14	U	14	2.6	ug/L			03/09/12 12:24	14.286
Tetrachloroethene	14	U	14	4.1	ug/L			03/09/12 12:24	14.286
Toluene	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
Trichloroethene	**380**		14	2.4	ug/L			03/09/12 12:24	14.286
Vinyl chloride	**71**		14	3.1	ug/L			03/09/12 12:24	14.286
Xylenes, Total	29	U	29	4.0	ug/L			03/09/12 12:24	14.286
1,1,1-Trichloroethane	14	U	14	3.1	ug/L			03/09/12 12:24	14.286
1,1,2-Trichloroethane	14	U	14	3.9	ug/L			03/09/12 12:24	14.286
Cyclohexane	14	U	14	1.7	ug/L			03/09/12 12:24	14.286
1,2-Dibromo-3-Chloropropane	29	U	29	9.6	ug/L			03/09/12 12:24	14.286
Ethylene Dibromide	14	U	14	3.4	ug/L			03/09/12 12:24	14.286
Dichlorodifluoromethane	14	U	14	4.4	ug/L			03/09/12 12:24	14.286
cis-1,2-Dichloroethene	**340**		14	2.4	ug/L			03/09/12 12:24	14.286
trans-1,2-Dichloroethene	**170**		14	2.7	ug/L			03/09/12 12:24	14.286
Isopropylbenzene	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
Methyl acetate	140	U	140	5.4	ug/L			03/09/12 12:24	14.286
Methyl tert-butyl ether	71	U	71	2.4	ug/L			03/09/12 12:24	14.286
1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	14	4.0	ug/L			03/09/12 12:24	14.286
1,2,4-Trichlorobenzene	14	U	14	2.1	ug/L			03/09/12 12:24	14.286
1,2-Dichlorobenzene	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
1,3-Dichlorobenzene	14	U	14	2.0	ug/L			03/09/12 12:24	14.286
1,4-Dichlorobenzene	14	U	14	1.9	ug/L			03/09/12 12:24	14.286
Trichlorofluoromethane	14	U	14	3.0	ug/L			03/09/12 12:24	14.286
Chlorodibromomethane	14	U	14	2.6	ug/L			03/09/12 12:24	14.286
Methylcyclohexane	14	U	14	1.9	ug/L			03/09/12 12:24	14.286

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 129*		*03/09/12 12:24*	*14.286*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-23
Date Collected: 03/02/12 07:25
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-23
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		66 - 117		03/09/12 12:24	14.286
Toluene-d8 (Surr)	94		74 - 115		03/09/12 12:24	14.286
Dibromofluoromethane (Surr)	95		75 - 121		03/09/12 12:24	14.286

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-24
Date Collected: 03/02/12 08:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 15:59	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 15:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 15:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 15:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 15:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 15:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 15:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 15:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 15:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 15:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 15:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 15:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 15:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 15:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 15:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 15:59	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 15:59	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 15:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 15:59	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 15:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 15:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 15:59	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
Trichloroethene	**22**		1.0	0.17	ug/L			03/09/12 15:59	1
Vinyl chloride	**1.3**		1.0	0.22	ug/L			03/09/12 15:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 15:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 15:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 15:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 15:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 15:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 15:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 15:59	1
cis-1,2-Dichloroethene	**7.9**		1.0	0.17	ug/L			03/09/12 15:59	1
trans-1,2-Dichloroethene	**5.4**		1.0	0.19	ug/L			03/09/12 15:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 15:59	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 15:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 15:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 15:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 15:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 15:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 15:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*03/09/12 15:59*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-24
Date Collected: 03/02/12 08:40
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-24
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		66 - 117		03/09/12 15:59	1
Toluene-d8 (Surr)	94		74 - 115		03/09/12 15:59	1
Dibromofluoromethane (Surr)	98		75 - 121		03/09/12 15:59	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-25
Date Collected: 03/02/12 10:10
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 16:20	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 16:20	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 16:20	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 16:20	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 16:20	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 16:20	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 16:20	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 16:20	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 16:20	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 16:20	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 16:20	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 16:20	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 16:20	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 16:20	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 16:20	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 16:20	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 16:20	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 16:20	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 16:20	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 16:20	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 16:20	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 16:20	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 16:20	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/09/12 16:20	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 16:20	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 16:20	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 16:20	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 16:20	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 16:20	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 16:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 16:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 16:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 16:20	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 16:20	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 16:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 16:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 16:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 16:20	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 16:20	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*03/09/12 16:20*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-25
Date Collected: 03/02/12 10:10
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-25
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		66 - 117		03/09/12 16:20	1
Toluene-d8 (Surr)	96		74 - 115		03/09/12 16:20	1
Dibromofluoromethane (Surr)	101		75 - 121		03/09/12 16:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-26
Date Collected: 03/02/12 11:20
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	1.8	ug/L			03/09/12 16:42	1.667
Benzene	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			03/09/12 16:42	1.667
Bromoform	1.7	U	1.7	1.1	ug/L			03/09/12 16:42	1.667
Bromomethane	1.7	U	1.7	0.68	ug/L			03/09/12 16:42	1.667
2-Butanone (MEK)	17	U	17	0.95	ug/L			03/09/12 16:42	1.667
Carbon disulfide	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
Chlorobenzene	1.7	U	1.7	0.25	ug/L			03/09/12 16:42	1.667
Chloroethane	1.7	U	1.7	0.48	ug/L			03/09/12 16:42	1.667
Chloroform	1.7	U	1.7	0.27	ug/L			03/09/12 16:42	1.667
Chloromethane	1.7	U	1.7	0.50	ug/L			03/09/12 16:42	1.667
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			03/09/12 16:42	1.667
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			03/09/12 16:42	1.667
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			03/09/12 16:42	1.667
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			03/09/12 16:42	1.667
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			03/09/12 16:42	1.667
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			03/09/12 16:42	1.667
Ethylbenzene	1.7	U	1.7	0.28	ug/L			03/09/12 16:42	1.667
2-Hexanone	17	U	17	0.68	ug/L			03/09/12 16:42	1.667
Methylene Chloride	1.7	U	1.7	0.55	ug/L			03/09/12 16:42	1.667
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			03/09/12 16:42	1.667
Styrene	1.7	U	1.7	0.18	ug/L			03/09/12 16:42	1.667
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			03/09/12 16:42	1.667
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			03/09/12 16:42	1.667
Toluene	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
Trichloroethene	1.7	U	1.7	0.28	ug/L			03/09/12 16:42	1.667
Vinyl chloride	**0.83**	**J**	1.7	0.37	ug/L			03/09/12 16:42	1.667
Xylenes, Total	3.3	U	3.3	0.47	ug/L			03/09/12 16:42	1.667
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			03/09/12 16:42	1.667
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			03/09/12 16:42	1.667
Cyclohexane	1.7	U	1.7	0.20	ug/L			03/09/12 16:42	1.667
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			03/09/12 16:42	1.667
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			03/09/12 16:42	1.667
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			03/09/12 16:42	1.667
cis-1,2-Dichloroethene	**59**		1.7	0.28	ug/L			03/09/12 16:42	1.667
trans-1,2-Dichloroethene	**3.5**		1.7	0.32	ug/L			03/09/12 16:42	1.667
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
Methyl acetate	17	U	17	0.63	ug/L			03/09/12 16:42	1.667
Methyl tert-butyl ether	8.3	U	8.3	0.28	ug/L			03/09/12 16:42	1.667
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			03/09/12 16:42	1.667
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			03/09/12 16:42	1.667
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			03/09/12 16:42	1.667
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			03/09/12 16:42	1.667
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			03/09/12 16:42	1.667
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			03/09/12 16:42	1.667

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*03/09/12 16:42*	*1.667*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-26
Date Collected: 03/02/12 11:20
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-26
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		66 - 117		03/09/12 16:42	1.667
Toluene-d8 (Surr)	94		74 - 115		03/09/12 16:42	1.667
Dibromofluoromethane (Surr)	99		75 - 121		03/09/12 16:42	1.667

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-27
Date Collected: 03/02/12 12:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 17:04	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 17:04	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 17:04	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 17:04	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 17:04	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 17:04	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 17:04	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 17:04	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 17:04	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 17:04	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 17:04	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 17:04	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 17:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 17:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 17:04	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 17:04	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 17:04	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 17:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 17:04	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 17:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 17:04	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 17:04	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 17:04	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/09/12 17:04	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 17:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 17:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 17:04	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 17:04	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 17:04	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 17:04	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 17:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 17:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 17:04	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 17:04	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 17:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 17:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 17:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 17:04	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 17:04	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*03/09/12 17:04*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-27
Date Collected: 03/02/12 12:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-27
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 117		03/09/12 17:04	1
Toluene-d8 (Surr)	93		74 - 115		03/09/12 17:04	1
Dibromofluoromethane (Surr)	100		75 - 121		03/09/12 17:04	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-28
Date Collected: 03/02/12 14:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 17:26	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 17:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 17:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 17:26	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 17:26	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 17:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 17:26	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 17:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 17:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 17:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 17:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 17:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 17:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 17:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 17:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 17:26	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 17:26	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 17:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 17:26	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 17:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 17:26	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 17:26	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 17:26	1
Vinyl chloride	**0.60**	**J**	1.0	0.22	ug/L			03/09/12 17:26	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 17:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 17:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 17:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 17:26	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 17:26	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 17:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 17:26	1
cis-1,2-Dichloroethene	**0.57**	**J**	1.0	0.17	ug/L			03/09/12 17:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 17:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 17:26	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 17:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 17:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 17:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 17:26	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 17:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*		*03/09/12 17:26*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-28
Date Collected: 03/02/12 14:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-28
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		66 - 117		03/09/12 17:26	1
Toluene-d8 (Surr)	92		74 - 115		03/09/12 17:26	1
Dibromofluoromethane (Surr)	97		75 - 121		03/09/12 17:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: RB-12616-030212-DN-29
Date Collected: 03/02/12 15:00
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**42**		10	1.1	ug/L			03/09/12 17:47	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 17:47	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 17:47	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 17:47	1
2-Butanone (MEK)	**3.6**	**J**	10	0.57	ug/L			03/09/12 17:47	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 17:47	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 17:47	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 17:47	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 17:47	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 17:47	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 17:47	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 17:47	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 17:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 17:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 17:47	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 17:47	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 17:47	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 17:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 17:47	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 17:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 17:47	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 17:47	1
Toluene	**0.28**	**J**	1.0	0.13	ug/L			03/09/12 17:47	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 17:47	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/09/12 17:47	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 17:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 17:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 17:47	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 17:47	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 17:47	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 17:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 17:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 17:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 17:47	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 17:47	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 17:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 17:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 17:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 17:47	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 17:47	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 129*		*03/09/12 17:47*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: RB-12616-030212-DN-29
Date Collected: 03/02/12 15:00
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-29
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		66 - 117		03/09/12 17:47	1
Toluene-d8 (Surr)	93		74 - 115		03/09/12 17:47	1
Dibromofluoromethane (Surr)	102		75 - 121		03/09/12 17:47	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-30
Date Collected: 03/02/12 15:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	1.8	ug/L			03/09/12 18:08	1.667
Benzene	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			03/09/12 18:08	1.667
Bromoform	1.7	U	1.7	1.1	ug/L			03/09/12 18:08	1.667
Bromomethane	1.7	U	1.7	0.68	ug/L			03/09/12 18:08	1.667
2-Butanone (MEK)	17	U	17	0.95	ug/L			03/09/12 18:08	1.667
Carbon disulfide	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
Chlorobenzene	1.7	U	1.7	0.25	ug/L			03/09/12 18:08	1.667
Chloroethane	1.7	U	1.7	0.48	ug/L			03/09/12 18:08	1.667
Chloroform	1.7	U	1.7	0.27	ug/L			03/09/12 18:08	1.667
Chloromethane	1.7	U	1.7	0.50	ug/L			03/09/12 18:08	1.667
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			03/09/12 18:08	1.667
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			03/09/12 18:08	1.667
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			03/09/12 18:08	1.667
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			03/09/12 18:08	1.667
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			03/09/12 18:08	1.667
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			03/09/12 18:08	1.667
Ethylbenzene	1.7	U	1.7	0.28	ug/L			03/09/12 18:08	1.667
2-Hexanone	17	U	17	0.68	ug/L			03/09/12 18:08	1.667
Methylene Chloride	1.7	U	1.7	0.55	ug/L			03/09/12 18:08	1.667
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			03/09/12 18:08	1.667
Styrene	1.7	U	1.7	0.18	ug/L			03/09/12 18:08	1.667
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			03/09/12 18:08	1.667
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			03/09/12 18:08	1.667
Toluene	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
Trichloroethene	1.7	U	1.7	0.28	ug/L			03/09/12 18:08	1.667
Vinyl chloride	**0.81**	**J**	1.7	0.37	ug/L			03/09/12 18:08	1.667
Xylenes, Total	3.3	U	3.3	0.47	ug/L			03/09/12 18:08	1.667
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			03/09/12 18:08	1.667
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			03/09/12 18:08	1.667
Cyclohexane	1.7	U	1.7	0.20	ug/L			03/09/12 18:08	1.667
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			03/09/12 18:08	1.667
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			03/09/12 18:08	1.667
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			03/09/12 18:08	1.667
cis-1,2-Dichloroethene	**60**		1.7	0.28	ug/L			03/09/12 18:08	1.667
trans-1,2-Dichloroethene	**3.4**		1.7	0.32	ug/L			03/09/12 18:08	1.667
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
Methyl acetate	17	U	17	0.63	ug/L			03/09/12 18:08	1.667
Methyl tert-butyl ether	8.3	U	8.3	0.28	ug/L			03/09/12 18:08	1.667
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			03/09/12 18:08	1.667
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			03/09/12 18:08	1.667
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			03/09/12 18:08	1.667
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			03/09/12 18:08	1.667
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			03/09/12 18:08	1.667
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			03/09/12 18:08	1.667

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*		*03/09/12 18:08*	*1.667*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: WG-12616-030212-DN-30
Date Collected: 03/02/12 15:30
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-30
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		66 - 117		03/09/12 18:08	1.667
Toluene-d8 (Surr)	96		74 - 115		03/09/12 18:08	1.667
Dibromofluoromethane (Surr)	101		75 - 121		03/09/12 18:08	1.667

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: TB-030212-001
Date Collected: 03/02/12 00:00
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.7	J	10	1.1	ug/L			03/07/12 19:21	1
Benzene	1.0	U *	1.0	0.13	ug/L			03/07/12 19:21	1
Dichlorobromomethane	1.0	U *	1.0	0.15	ug/L			03/07/12 19:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 19:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 19:21	1
2-Butanone (MEK)	10	U *	10	0.57	ug/L			03/07/12 19:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 19:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 19:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 19:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 19:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 19:21	1
1,2-Dichloroethane	1.0	U *	1.0	0.22	ug/L			03/07/12 19:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 19:21	1
1,2-Dichloropropane	1.0	U *	1.0	0.18	ug/L			03/07/12 19:21	1
cis-1,3-Dichloropropene	1.0	U *	1.0	0.14	ug/L			03/07/12 19:21	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			03/07/12 19:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 19:21	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 19:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 19:21	1
4-Methyl-2-pentanone (MIBK)	10	U *	10	0.32	ug/L			03/07/12 19:21	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 19:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 19:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 19:21	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 19:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 19:21	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 19:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 19:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 19:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 19:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 19:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 19:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 19:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 19:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 19:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1
Methyl acetate	10	U *	10	0.38	ug/L			03/07/12 19:21	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 19:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	1.0	0.28	ug/L			03/07/12 19:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 19:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 19:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 19:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 19:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*63 - 129*		*03/07/12 19:21*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: TB-030212-001
Date Collected: 03/02/12 00:00
Date Received: 03/03/12 09:30

Lab Sample ID: 240-8929-31
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		66 - 117		03/07/12 19:21	1
Toluene-d8 (Surr)	106		74 - 115		03/07/12 19:21	1
Dibromofluoromethane (Surr)	109		75 - 121		03/07/12 19:21	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-8929-1	WG-12616-022812-DN-01	127	93	105	111
240-8929-1 MS	WG-12616-022812-DN-01	125	100	108	115
240-8929-1 MSD	WG-12616-022812-DN-01	124	95	105	112
240-8929-2	WG-12616-022812-DN-02	125	89	108	111
240-8929-3	WG-12616-022812-DN-03	125	89	105	108
240-8929-4	WG-12616-022812-DN-04	126	89	106	109
240-8929-5	WG-12616-022812-DN-05	127	85	105	110
240-8929-6	WG-12616-022912-DN-06	126	90	107	106
240-8929-7	WG-12616-022912-DN-07	124	89	109	110
240-8929-8	WG-12616-022912-DN-08	128	88	107	108
240-8929-9	WG-12616-022912-DN-09	126	88	108	107
240-8929-10	WG-12616-022912-DN-10	126	85	107	106
240-8929-11	WG-12616-022912-DN-11	127	86	107	105
240-8929-12	WG-12616-022912-DN-12	121	84	109	102
240-8929-13	WG-12616-022912-DN-13	124	84	107	106
240-8929-14	WG-12616-030112-DN-14	127	84	106	108
240-8929-15	WG-12616-030112-DN-15	127	83	104	102
240-8929-16	WG-12616-030112-DN-16	126	86	105	107
240-8929-17	WG-12616-030112-DN-17	121	83	104	102
240-8929-18	WG-12616-030112-DN-18	122	86	106	106
240-8929-19	WG-12616-030112-DN-19	122	82	106	106
240-8929-20	WG-12616-030112-DN-20	88	90	93	96
240-8929-21	WG-12616-030112-DN-21	97	88	94	105
240-8929-22	WG-12616-030112-DN-22	87	86	91	96
240-8929-23	WG-12616-030212-DN-23	86	83	94	95
240-8929-23 MS	WG-12616-030212-DN-23	89	105	100	97
240-8929-23 MSD	WG-12616-030212-DN-23	91	102	98	97
240-8929-24	WG-12616-030212-DN-24	91	87	94	98
240-8929-25	WG-12616-030212-DN-25	91	88	96	101
240-8929-26	WG-12616-030212-DN-26	91	86	94	99
240-8929-27	WG-12616-030212-DN-27	89	85	93	100
240-8929-28	WG-12616-030212-DN-28	89	85	92	97
240-8929-29	RB-12616-030212-DN-29	93	92	93	102
240-8929-30	WG-12616-030212-DN-30	91	90	96	101
240-8929-31	TB-030212-001	127	84	106	109
LCS 240-36073/4	Lab Control Sample	128	99	105	113
LCS 240-36298/4	Lab Control Sample	89	104	98	94
MB 240-36073/5	Method Blank	128	89	106	111
MB 240-36298/5	Method Blank	87	91	93	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-36073/5
Matrix: Water
Analysis Batch: 36073

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/07/12 11:49	1
Benzene	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/07/12 11:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/07/12 11:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/07/12 11:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/07/12 11:49	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 11:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/07/12 11:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/07/12 11:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/07/12 11:49	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/07/12 11:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 11:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 11:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/07/12 11:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/07/12 11:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/07/12 11:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/07/12 11:49	1
2-Hexanone	10	U	10	0.41	ug/L			03/07/12 11:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/07/12 11:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/07/12 11:49	1
Styrene	1.0	U	1.0	0.11	ug/L			03/07/12 11:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/07/12 11:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/07/12 11:49	1
Toluene	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 11:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/07/12 11:49	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/07/12 11:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/07/12 11:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/07/12 11:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/07/12 11:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/07/12 11:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/07/12 11:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/07/12 11:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/07/12 11:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/07/12 11:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
Methyl acetate	10	U	10	0.38	ug/L			03/07/12 11:49	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/07/12 11:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/07/12 11:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/07/12 11:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/07/12 11:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/07/12 11:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/07/12 11:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/07/12 11:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-36073/5
Matrix: Water
Analysis Batch: 36073

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	128		63 - 129		03/07/12 11:49	1
4-Bromofluorobenzene (Surr)	89		66 - 117		03/07/12 11:49	1
Toluene-d8 (Surr)	106		74 - 115		03/07/12 11:49	1
Dibromofluoromethane (Surr)	111		75 - 121		03/07/12 11:49	1

Lab Sample ID: LCS 240-36073/4
Matrix: Water
Analysis Batch: 36073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	22.6		ug/L		113	43 - 136
Benzene	10.0	11.6	*	ug/L		116	83 - 112
Dichlorobromomethane	10.0	14.8	*	ug/L		148	72 - 121
Bromoform	10.0	11.7		ug/L		117	40 - 131
Bromomethane	10.0	5.74		ug/L		57	11 - 185
2-Butanone (MEK)	20.0	26.0	*	ug/L		130	60 - 126
Carbon disulfide	10.0	9.72		ug/L		97	62 - 142
Carbon tetrachloride	10.0	11.3		ug/L		113	66 - 128
Chlorobenzene	10.0	9.66		ug/L		97	85 - 110
Chloroethane	10.0	5.78		ug/L		58	25 - 153
Chloroform	10.0	11.4		ug/L		114	79 - 117
Chloromethane	10.0	7.59		ug/L		76	44 - 126
1,1-Dichloroethane	10.0	11.5		ug/L		115	82 - 115
1,2-Dichloroethane	10.0	13.3	*	ug/L		133	71 - 127
1,1-Dichloroethene	10.0	9.21		ug/L		92	78 - 131
1,2-Dichloropropane	10.0	12.8	*	ug/L		128	81 - 115
cis-1,3-Dichloropropene	10.0	12.9	*	ug/L		129	61 - 115
trans-1,3-Dichloropropene	10.0	11.9	*	ug/L		119	58 - 117
Ethylbenzene	10.0	9.80		ug/L		98	83 - 112
2-Hexanone	20.0	25.3		ug/L		127	55 - 133
Methylene Chloride	10.0	9.85		ug/L		99	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	29.1	*	ug/L		146	63 - 128
Styrene	10.0	9.77		ug/L		98	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.8		ug/L		108	68 - 118
Tetrachloroethene	10.0	9.29		ug/L		93	79 - 114
Toluene	10.0	10.1		ug/L		101	84 - 111
Trichloroethene	10.0	11.1		ug/L		111	76 - 117
Vinyl chloride	10.0	6.71		ug/L		67	53 - 127
Xylenes, Total	30.0	29.2		ug/L		97	83 - 112
1,1,1-Trichloroethane	10.0	11.0		ug/L		110	74 - 118
1,1,2-Trichloroethane	10.0	11.1		ug/L		111	80 - 112
Cyclohexane	10.0	8.10		ug/L		81	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	10.9		ug/L		109	42 - 136
Ethylene Dibromide	10.0	10.9		ug/L		109	79 - 113
Dichlorodifluoromethane	10.0	6.00		ug/L		60	19 - 129
cis-1,2-Dichloroethene	10.0	10.9		ug/L		109	80 - 113
trans-1,2-Dichloroethene	10.0	10.1		ug/L		101	83 - 117
Isopropylbenzene	10.0	8.61		ug/L		86	75 - 114
Methyl acetate	10.0	13.4	*	ug/L		134	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-36073/4
Matrix: Water
Analysis Batch: 36073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	11.6		ug/L		116	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	7.30	*	ug/L		73	74 - 151
1,2,4-Trichlorobenzene	10.0	7.78		ug/L		78	48 - 135
1,2-Dichlorobenzene	10.0	9.48		ug/L		95	81 - 110
1,3-Dichlorobenzene	10.0	9.89		ug/L		99	80 - 110
1,4-Dichlorobenzene	10.0	9.37		ug/L		94	82 - 110
Trichlorofluoromethane	10.0	8.90		ug/L		89	49 - 157
Chlorodibromomethane	10.0	10.6		ug/L		106	64 - 119
Methylcyclohexane	10.0	8.22		ug/L		82	56 - 127
m-Xylene & p-Xylene	20.0	19.9		ug/L		100	83 - 113
o-Xylene	10.0	9.29		ug/L		93	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*128*		*63 - 129*
4-Bromofluorobenzene (Surr)	*99*		*66 - 117*
Toluene-d8 (Surr)	*105*		*74 - 115*
Dibromofluoromethane (Surr)	*113*		*75 - 121*

Lab Sample ID: 240-8929-1 MS
Matrix: Water
Analysis Batch: 36073

Client Sample ID: WG-12616-022812-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	21.6		ug/L		108	33 - 145
Benzene	1.0	U *	10.0	11.7		ug/L		117	72 - 121
Dichlorobromomethane	1.0	U *	10.0	12.7	F	ug/L		127	67 - 120
Bromoform	1.0	U	10.0	9.11		ug/L		91	32 - 128
Bromomethane	1.0	U	10.0	6.25		ug/L		63	10 - 186
2-Butanone (MEK)	10	U *	20.0	24.7		ug/L		124	54 - 129
Carbon disulfide	1.0	U	10.0	8.48		ug/L		85	57 - 147
Carbon tetrachloride	1.0	U	10.0	9.91		ug/L		99	59 - 129
Chlorobenzene	1.0	U	10.0	9.70		ug/L		97	80 - 110
Chloroethane	1.0	U	10.0	6.46		ug/L		65	21 - 165
Chloroform	1.0	U	10.0	11.1		ug/L		111	76 - 118
Chloromethane	1.0	U	10.0	7.82		ug/L		78	33 - 132
1,1-Dichloroethane	1.0	U	10.0	10.9		ug/L		109	79 - 116
1,2-Dichloroethane	1.0	U *	10.0	12.6		ug/L		126	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.36		ug/L		94	74 - 135
1,2-Dichloropropane	1.0	U *	10.0	12.6	F	ug/L		126	78 - 115
cis-1,3-Dichloropropene	1.0	U *	10.0	10.7		ug/L		107	51 - 110
trans-1,3-Dichloropropene	1.0	U *	10.0	9.76		ug/L		98	46 - 116
Ethylbenzene	1.0	U	10.0	9.73		ug/L		97	75 - 116
2-Hexanone	10	U	20.0	23.1		ug/L		116	47 - 139
Methylene Chloride	1.0	U	10.0	9.42		ug/L		94	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U *	20.0	26.1		ug/L		131	56 - 131
Styrene	1.0	U	10.0	9.23		ug/L		92	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.3		ug/L		103	63 - 122
Tetrachloroethene	1.0	U	10.0	9.16		ug/L		92	70 - 117
Toluene	1.0	U	10.0	10.1		ug/L		101	78 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-8929-1 MS
Matrix: Water
Analysis Batch: 36073

Client Sample ID: WG-12616-022812-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	1.0	U	10.0	11.1		ug/L		111	66 - 120
Vinyl chloride	1.0	U	10.0	6.37		ug/L		64	49 - 130
Xylenes, Total	2.0	U	30.0	28.3		ug/L		94	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	9.76		ug/L		98	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	10.7		ug/L		107	75 - 115
Cyclohexane	1.0	U	10.0	7.84		ug/L		78	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.96		ug/L		90	32 - 139
Ethylene Dibromide	1.0	U	10.0	10.5		ug/L		105	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	5.56		ug/L		56	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	10.7		ug/L		107	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	80 - 119
Isopropylbenzene	1.0	U	10.0	8.29		ug/L		83	68 - 116
Methyl acetate	10	U *	10.0	11.3		ug/L		113	47 - 130
Methyl tert-butyl ether	5.0	U	10.0	9.96		ug/L		100	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	10.0	7.42		ug/L		74	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	6.81		ug/L		68	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.93		ug/L		89	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	9.26		ug/L		93	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.76		ug/L		88	75 - 110
Trichlorofluoromethane	1.0	U	10.0	9.23		ug/L		92	46 - 157
Chlorodibromomethane	1.0	U	10.0	9.49		ug/L		95	56 - 118
Methylcyclohexane	1.0	U	10.0	7.51		ug/L		75	49 - 127
m-Xylene & p-Xylene	2.0		20.0	19.3		ug/L		97	75 - 117
o-Xylene	1.0		10.0	9.01		ug/L		90	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*125*		*63 - 129*
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*
Toluene-d8 (Surr)	*108*		*74 - 115*
Dibromofluoromethane (Surr)	*115*		*75 - 121*

Lab Sample ID: 240-8929-1 MSD
Matrix: Water
Analysis Batch: 36073

Client Sample ID: WG-12616-022812-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	20.8		ug/L		104	33 - 145	4	30
Benzene	1.0	U *	10.0	11.5		ug/L		115	72 - 121	2	30
Dichlorobromomethane	1.0	U *	10.0	12.8	F	ug/L		128	67 - 120	1	30
Bromoform	1.0	U	10.0	8.86		ug/L		89	32 - 128	3	30
Bromomethane	1.0	U	10.0	7.01		ug/L		70	10 - 186	11	30
2-Butanone (MEK)	10	U *	20.0	23.7		ug/L		119	54 - 129	4	30
Carbon disulfide	1.0	U	10.0	8.54		ug/L		85	57 - 147	1	30
Carbon tetrachloride	1.0	U	10.0	10.3		ug/L		103	59 - 129	4	30
Chlorobenzene	1.0	U	10.0	9.35		ug/L		94	80 - 110	4	30
Chloroethane	1.0	U	10.0	6.73		ug/L		67	21 - 165	4	30
Chloroform	1.0	U	10.0	11.0		ug/L		110	76 - 118	1	30
Chloromethane	1.0	U	10.0	7.63		ug/L		76	33 - 132	2	30
1,1-Dichloroethane	1.0	U	10.0	11.0		ug/L		110	79 - 116	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-8929-1 MSD
Matrix: Water
Analysis Batch: 36073

Client Sample ID: WG-12616-022812-DN-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	1.0	U *	10.0	12.3		ug/L		123	68 - 129	2	30
1,1-Dichloroethene	1.0	U	10.0	9.37		ug/L		94	74 - 135	0	30
1,2-Dichloropropane	1.0	U *	10.0	12.1	F	ug/L		121	78 - 115	4	30
cis-1,3-Dichloropropene	1.0	U *	10.0	10.8		ug/L		108	51 - 110	1	30
trans-1,3-Dichloropropene	1.0	U *	10.0	9.51		ug/L		95	46 - 116	3	30
Ethylbenzene	1.0	U	10.0	9.04		ug/L		90	75 - 116	7	30
2-Hexanone	10	U	20.0	22.6		ug/L		113	47 - 139	2	30
Methylene Chloride	1.0	U	10.0	9.44		ug/L		94	63 - 128	0	30
4-Methyl-2-pentanone (MIBK)	10	U *	20.0	25.1		ug/L		126	56 - 131	4	30
Styrene	1.0	U	10.0	8.58		ug/L		86	71 - 117	7	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	10.2		ug/L		102	63 - 122	1	30
Tetrachloroethene	1.0	U	10.0	8.70		ug/L		87	70 - 117	5	30
Toluene	1.0	U	10.0	9.52		ug/L		95	78 - 114	6	30
Trichloroethene	1.0	U	10.0	11.0		ug/L		110	66 - 120	1	30
Vinyl chloride	1.0	U	10.0	6.74		ug/L		67	49 - 130	6	30
Xylenes, Total	2.0	U	30.0	27.2		ug/L		91	76 - 116	4	30
1,1,1-Trichloroethane	1.0	U	10.0	9.67		ug/L		97	68 - 121	1	30
1,1,2-Trichloroethane	1.0	U	10.0	10.4		ug/L		104	75 - 115	3	30
Cyclohexane	1.0	U	10.0	7.83		ug/L		78	49 - 123	0	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.38		ug/L		84	32 - 139	7	30
Ethylene Dibromide	1.0	U	10.0	10.0		ug/L		100	74 - 113	5	30
Dichlorodifluoromethane	1.0	U	10.0	5.54		ug/L		55	17 - 128	0	30
cis-1,2-Dichloroethene	1.0	U	10.0	10.8		ug/L		108	70 - 120	1	30
trans-1,2-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	80 - 119	0	30
Isopropylbenzene	1.0	U	10.0	7.86		ug/L		79	68 - 116	5	30
Methyl acetate	10	U *	10.0	11.4		ug/L		114	47 - 130	1	30
Methyl tert-butyl ether	5.0	U	10.0	10.1		ug/L		101	46 - 144	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U *	10.0	6.94	F	ug/L		69	70 - 152	7	30
1,2,4-Trichlorobenzene	1.0	U	10.0	6.98		ug/L		70	38 - 138	2	30
1,2-Dichlorobenzene	1.0	U	10.0	8.92		ug/L		89	75 - 111	0	30
1,3-Dichlorobenzene	1.0	U	10.0	8.98		ug/L		90	73 - 110	3	30
1,4-Dichlorobenzene	1.0	U	10.0	8.72		ug/L		87	75 - 110	0	30
Trichlorofluoromethane	1.0	U	10.0	9.45		ug/L		95	46 - 157	2	30
Chlorodibromomethane	1.0	U	10.0	8.95		ug/L		90	56 - 118	6	30
Methylcyclohexane	1.0	U	10.0	7.39		ug/L		74	49 - 127	2	30
m-Xylene & p-Xylene	2.0		20.0	18.5		ug/L		93	75 - 117	4	30
o-Xylene	1.0		10.0	8.65		ug/L		87	76 - 116	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*124*		*63 - 129*
4-Bromofluorobenzene (Surr)	*95*		*66 - 117*
Toluene-d8 (Surr)	*105*		*74 - 115*
Dibromofluoromethane (Surr)	*112*		*75 - 121*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-36298/5
Matrix: Water
Analysis Batch: 36298

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/09/12 11:45	1
Benzene	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/09/12 11:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/09/12 11:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/09/12 11:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/09/12 11:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/09/12 11:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/09/12 11:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/09/12 11:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/09/12 11:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/09/12 11:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 11:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 11:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/09/12 11:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/09/12 11:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/09/12 11:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/09/12 11:45	1
2-Hexanone	10	U	10	0.41	ug/L			03/09/12 11:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/09/12 11:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/09/12 11:45	1
Styrene	1.0	U	1.0	0.11	ug/L			03/09/12 11:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/09/12 11:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/09/12 11:45	1
Toluene	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 11:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/09/12 11:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/09/12 11:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/09/12 11:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/09/12 11:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/09/12 11:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/09/12 11:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/09/12 11:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/09/12 11:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/09/12 11:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/09/12 11:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
Methyl acetate	10	U	10	0.38	ug/L			03/09/12 11:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/09/12 11:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/09/12 11:45	1
1,2,4-Trichlorobenzene	0.459	J	1.0	0.15	ug/L			03/09/12 11:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/09/12 11:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/09/12 11:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/09/12 11:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/09/12 11:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-36298/5
Matrix: Water
Analysis Batch: 36298

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*		*03/09/12 11:45*	*1*
4-Bromofluorobenzene (Surr)	*91*		*66 - 117*		*03/09/12 11:45*	*1*
Toluene-d8 (Surr)	*93*		*74 - 115*		*03/09/12 11:45*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*03/09/12 11:45*	*1*

Lab Sample ID: LCS 240-36298/4
Matrix: Water
Analysis Batch: 36298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	14.8		ug/L		74	43 - 136
Benzene	10.0	9.49		ug/L		95	83 - 112
Dichlorobromomethane	10.0	9.66		ug/L		97	72 - 121
Bromoform	10.0	8.51		ug/L		85	40 - 131
Bromomethane	10.0	10.4		ug/L		104	11 - 185
2-Butanone (MEK)	20.0	15.4		ug/L		77	60 - 126
Carbon disulfide	10.0	10.4		ug/L		104	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	9.40		ug/L		94	85 - 110
Chloroethane	10.0	9.51		ug/L		95	25 - 153
Chloroform	10.0	9.57		ug/L		96	79 - 117
Chloromethane	10.0	8.85		ug/L		89	44 - 126
1,1-Dichloroethane	10.0	9.71		ug/L		97	82 - 115
1,2-Dichloroethane	10.0	9.13		ug/L		91	71 - 127
1,1-Dichloroethene	10.0	10.1		ug/L		101	78 - 131
1,2-Dichloropropane	10.0	9.26		ug/L		93	81 - 115
cis-1,3-Dichloropropene	10.0	7.75		ug/L		78	61 - 115
trans-1,3-Dichloropropene	10.0	7.93		ug/L		79	58 - 117
Ethylbenzene	10.0	9.83		ug/L		98	83 - 112
2-Hexanone	20.0	17.0		ug/L		85	55 - 133
Methylene Chloride	10.0	9.59		ug/L		96	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	17.8		ug/L		89	63 - 128
Styrene	10.0	8.97		ug/L		90	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.12		ug/L		91	68 - 118
Tetrachloroethene	10.0	9.44		ug/L		94	79 - 114
Toluene	10.0	9.66		ug/L		97	84 - 111
Trichloroethene	10.0	9.51		ug/L		95	76 - 117
Vinyl chloride	10.0	8.47		ug/L		85	53 - 127
Xylenes, Total	30.0	30.0		ug/L		100	83 - 112
1,1,1-Trichloroethane	10.0	10.4		ug/L		104	74 - 118
1,1,2-Trichloroethane	10.0	9.42		ug/L		94	80 - 112
Cyclohexane	10.0	10.6		ug/L		106	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.64		ug/L		86	42 - 136
Ethylene Dibromide	10.0	9.18		ug/L		92	79 - 113
Dichlorodifluoromethane	10.0	8.20		ug/L		82	19 - 129
cis-1,2-Dichloroethene	10.0	9.81		ug/L		98	80 - 113
trans-1,2-Dichloroethene	10.0	10.0		ug/L		100	83 - 117
Isopropylbenzene	10.0	8.92		ug/L		89	75 - 114
Methyl acetate	10.0	9.54	J	ug/L		95	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-36298/4
Matrix: Water
Analysis Batch: 36298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	9.32		ug/L		93	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.1		ug/L		121	74 - 151
1,2,4-Trichlorobenzene	10.0	7.36		ug/L		74	48 - 135
1,2-Dichlorobenzene	10.0	9.12		ug/L		91	81 - 110
1,3-Dichlorobenzene	10.0	9.36		ug/L		94	80 - 110
1,4-Dichlorobenzene	10.0	9.18		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	12.2		ug/L		122	49 - 157
Chlorodibromomethane	10.0	8.71		ug/L		87	64 - 119
Methylcyclohexane	10.0	11.3		ug/L		113	56 - 127
m-Xylene & p-Xylene	20.0	20.1		ug/L		101	83 - 113
o-Xylene	10.0	9.87		ug/L		99	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*
4-Bromofluorobenzene (Surr)	*104*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*94*		*75 - 121*

Lab Sample ID: 240-8929-23 MS
Matrix: Water
Analysis Batch: 36298

Client Sample ID: WG-12616-030212-DN-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	140	U	286	240		ug/L		84	33 - 145
Benzene	14	U	143	144		ug/L		101	72 - 121
Dichlorobromomethane	14	U	143	146		ug/L		102	67 - 120
Bromoform	14	U	143	125		ug/L		88	32 - 128
Bromomethane	14	U	143	156		ug/L		109	10 - 186
2-Butanone (MEK)	140	U	286	219		ug/L		77	54 - 129
Carbon disulfide	14	U	143	153		ug/L		107	57 - 147
Carbon tetrachloride	14	U	143	153		ug/L		107	59 - 129
Chlorobenzene	14	U	143	146		ug/L		102	80 - 110
Chloroethane	14	U	143	142		ug/L		99	21 - 165
Chloroform	14	U	143	146		ug/L		102	76 - 118
Chloromethane	14	U	143	132		ug/L		93	33 - 132
1,1-Dichloroethane	14	U	143	147		ug/L		103	79 - 116
1,2-Dichloroethane	14	U	143	140		ug/L		98	68 - 129
1,1-Dichloroethene	3.0	J	143	150		ug/L		103	74 - 135
1,2-Dichloropropane	14	U	143	142		ug/L		100	78 - 115
cis-1,3-Dichloropropene	14	U	143	116		ug/L		81	51 - 110
trans-1,3-Dichloropropene	14	U	143	120		ug/L		84	46 - 116
Ethylbenzene	14	U	143	150		ug/L		105	75 - 116
2-Hexanone	140	U	286	247		ug/L		87	47 - 139
Methylene Chloride	14	U	143	146		ug/L		102	63 - 128
4-Methyl-2-pentanone (MIBK)	140	U	286	247		ug/L		87	56 - 131
Styrene	14	U	143	138		ug/L		97	71 - 117
1,1,2,2-Tetrachloroethane	14	U	143	137		ug/L		96	63 - 122
Tetrachloroethene	14	U	143	139		ug/L		97	70 - 117
Toluene	14	U	143	146		ug/L		102	78 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-8929-23 MS
Matrix: Water
Analysis Batch: 36298

Client Sample ID: WG-12616-030212-DN-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	380		143	511		ug/L		90	66 - 120
Vinyl chloride	71		143	187		ug/L		81	49 - 130
Xylenes, Total	29	U	429	462		ug/L		108	76 - 116
1,1,1-Trichloroethane	14	U	143	149		ug/L		104	68 - 121
1,1,2-Trichloroethane	14	U	143	140		ug/L		98	75 - 115
Cyclohexane	14	U	143	146		ug/L		102	49 - 123
1,2-Dibromo-3-Chloropropane	29	U	143	111		ug/L		78	32 - 139
Ethylene Dibromide	14	U	143	139		ug/L		97	74 - 113
Dichlorodifluoromethane	14	U	143	104		ug/L		73	17 - 128
cis-1,2-Dichloroethene	340		143	490		ug/L		107	70 - 120
trans-1,2-Dichloroethene	170		143	323		ug/L		107	80 - 119
Isopropylbenzene	14	U	143	138		ug/L		96	68 - 116
Methyl acetate	140	U	143	141		ug/L		99	47 - 130
Methyl tert-butyl ether	71	U	143	140		ug/L		98	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	143	160		ug/L		112	70 - 152
1,2,4-Trichlorobenzene	14	U	143	137		ug/L		96	38 - 138
1,2-Dichlorobenzene	14	U	143	142		ug/L		99	75 - 111
1,3-Dichlorobenzene	14	U	143	150		ug/L		105	73 - 110
1,4-Dichlorobenzene	14	U	143	144		ug/L		101	75 - 110
Trichlorofluoromethane	14	U	143	160		ug/L		112	46 - 157
Chlorodibromomethane	14	U	143	129		ug/L		90	56 - 118
Methylcyclohexane	14	U	143	153		ug/L		107	49 - 127
m-Xylene & p-Xylene	29		286	306		ug/L		107	75 - 117
o-Xylene	14		143	156		ug/L		109	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 129*
4-Bromofluorobenzene (Surr)	*105*		*66 - 117*
Toluene-d8 (Surr)	*100*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: 240-8929-23 MSD
Matrix: Water
Analysis Batch: 36298

Client Sample ID: WG-12616-030212-DN-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	140	U	286	244		ug/L		86	33 - 145	2	30
Benzene	14	U	143	146		ug/L		102	72 - 121	1	30
Dichlorobromomethane	14	U	143	146		ug/L		102	67 - 120	0	30
Bromoform	14	U	143	125		ug/L		88	32 - 128	0	30
Bromomethane	14	U	143	160		ug/L		112	10 - 186	3	30
2-Butanone (MEK)	140	U	286	224		ug/L		79	54 - 129	3	30
Carbon disulfide	14	U	143	154		ug/L		108	57 - 147	1	30
Carbon tetrachloride	14	U	143	154		ug/L		108	59 - 129	1	30
Chlorobenzene	14	U	143	146		ug/L		102	80 - 110	0	30
Chloroethane	14	U	143	141		ug/L		99	21 - 165	1	30
Chloroform	14	U	143	147		ug/L		103	76 - 118	1	30
Chloromethane	14	U	143	134		ug/L		94	33 - 132	2	30
1,1-Dichloroethane	14	U	143	149		ug/L		104	79 - 116	1	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-8929-23 MSD
Matrix: Water
Analysis Batch: 36298

Client Sample ID: WG-12616-030212-DN-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	14	U	143	143		ug/L		100	68 - 129	2	30
1,1-Dichloroethene	3.0	J	143	149		ug/L		102	74 - 135	1	30
1,2-Dichloropropane	14	U	143	143		ug/L		100	78 - 115	0	30
cis-1,3-Dichloropropene	14	U	143	118		ug/L		83	51 - 110	2	30
trans-1,3-Dichloropropene	14	U	143	122		ug/L		85	46 - 116	1	30
Ethylbenzene	14	U	143	151		ug/L		106	75 - 116	1	30
2-Hexanone	140	U	286	246		ug/L		86	47 - 139	1	30
Methylene Chloride	14	U	143	146		ug/L		102	63 - 128	0	30
4-Methyl-2-pentanone (MIBK)	140	U	286	257		ug/L		90	56 - 131	4	30
Styrene	14	U	143	135		ug/L		95	71 - 117	2	30
1,1,2,2-Tetrachloroethane	14	U	143	135		ug/L		95	63 - 122	2	30
Tetrachloroethene	14	U	143	139		ug/L		98	70 - 117	1	30
Toluene	14	U	143	143		ug/L		100	78 - 114	2	30
Trichloroethene	380		143	524		ug/L		99	66 - 120	2	30
Vinyl chloride	71		143	194		ug/L		86	49 - 130	4	30
Xylenes, Total	29	U	429	460		ug/L		107	76 - 116	0	30
1,1,1-Trichloroethane	14	U	143	151		ug/L		106	68 - 121	2	30
1,1,2-Trichloroethane	14	U	143	141		ug/L		99	75 - 115	1	30
Cyclohexane	14	U	143	146		ug/L		102	49 - 123	0	30
1,2-Dibromo-3-Chloropropane	29	U	143	127		ug/L		89	32 - 139	13	30
Ethylene Dibromide	14	U	143	139		ug/L		98	74 - 113	0	30
Dichlorodifluoromethane	14	U	143	108		ug/L		76	17 - 128	3	30
cis-1,2-Dichloroethene	340		143	503		ug/L		116	70 - 120	3	30
trans-1,2-Dichloroethene	170		143	326		ug/L		109	80 - 119	1	30
Isopropylbenzene	14	U	143	136		ug/L		96	68 - 116	1	30
Methyl acetate	140	U	143	141		ug/L		98	47 - 130	0	30
Methyl tert-butyl ether	71	U	143	146		ug/L		102	46 - 144	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	14	U	143	161		ug/L		113	70 - 152	1	30
1,2,4-Trichlorobenzene	14	U	143	127		ug/L		89	38 - 138	8	30
1,2-Dichlorobenzene	14	U	143	143		ug/L		100	75 - 111	1	30
1,3-Dichlorobenzene	14	U	143	144		ug/L		101	73 - 110	4	30
1,4-Dichlorobenzene	14	U	143	141		ug/L		99	75 - 110	2	30
Trichlorofluoromethane	14	U	143	164		ug/L		115	46 - 157	3	30
Chlorodibromomethane	14	U	143	126		ug/L		88	56 - 118	2	30
Methylcyclohexane	14	U	143	154		ug/L		108	49 - 127	1	30
m-Xylene & p-Xylene	29		286	306		ug/L		107	75 - 117	0	30
o-Xylene	14		143	154		ug/L		108	76 - 116	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 129*
4-Bromofluorobenzene (Surr)	*102*		*66 - 117*
Toluene-d8 (Surr)	*98*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

GC/MS VOA

Analysis Batch: 36073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-8929-1	WG-12616-022812-DN-01	Total/NA	Water	8260B	
240-8929-1 MS	WG-12616-022812-DN-01	Total/NA	Water	8260B	
240-8929-1 MSD	WG-12616-022812-DN-01	Total/NA	Water	8260B	
240-8929-2	WG-12616-022812-DN-02	Total/NA	Water	8260B	
240-8929-3	WG-12616-022812-DN-03	Total/NA	Water	8260B	
240-8929-4	WG-12616-022812-DN-04	Total/NA	Water	8260B	
240-8929-5	WG-12616-022812-DN-05	Total/NA	Water	8260B	
240-8929-6	WG-12616-022912-DN-06	Total/NA	Water	8260B	
240-8929-7	WG-12616-022912-DN-07	Total/NA	Water	8260B	
240-8929-8	WG-12616-022912-DN-08	Total/NA	Water	8260B	
240-8929-9	WG-12616-022912-DN-09	Total/NA	Water	8260B	
240-8929-10	WG-12616-022912-DN-10	Total/NA	Water	8260B	
240-8929-11	WG-12616-022912-DN-11	Total/NA	Water	8260B	
240-8929-12	WG-12616-022912-DN-12	Total/NA	Water	8260B	
240-8929-13	WG-12616-022912-DN-13	Total/NA	Water	8260B	
240-8929-14	WG-12616-030112-DN-14	Total/NA	Water	8260B	
240-8929-15	WG-12616-030112-DN-15	Total/NA	Water	8260B	
240-8929-16	WG-12616-030112-DN-16	Total/NA	Water	8260B	
240-8929-17	WG-12616-030112-DN-17	Total/NA	Water	8260B	
240-8929-18	WG-12616-030112-DN-18	Total/NA	Water	8260B	
240-8929-19	WG-12616-030112-DN-19	Total/NA	Water	8260B	
240-8929-31	TB-030212-001	Total/NA	Water	8260B	
LCS 240-36073/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-36073/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 36298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-8929-20	WG-12616-030112-DN-20	Total/NA	Water	8260B	
240-8929-21	WG-12616-030112-DN-21	Total/NA	Water	8260B	
240-8929-22	WG-12616-030112-DN-22	Total/NA	Water	8260B	
240-8929-23	WG-12616-030212-DN-23	Total/NA	Water	8260B	
240-8929-23 MS	WG-12616-030212-DN-23	Total/NA	Water	8260B	
240-8929-23 MSD	WG-12616-030212-DN-23	Total/NA	Water	8260B	
240-8929-24	WG-12616-030212-DN-24	Total/NA	Water	8260B	
240-8929-25	WG-12616-030212-DN-25	Total/NA	Water	8260B	
240-8929-26	WG-12616-030212-DN-26	Total/NA	Water	8260B	
240-8929-27	WG-12616-030212-DN-27	Total/NA	Water	8260B	
240-8929-28	WG-12616-030212-DN-28	Total/NA	Water	8260B	
240-8929-29	RB-12616-030212-DN-29	Total/NA	Water	8260B	
240-8929-30	WG-12616-030212-DN-30	Total/NA	Water	8260B	
LCS 240-36298/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-36298/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-022812-DN-01 — **Lab Sample ID: 240-8929-1**
Date Collected: 02/28/12 11:15 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 12:14	LE	TAL NC

Client Sample ID: WG-12616-022812-DN-02 — **Lab Sample ID: 240-8929-2**
Date Collected: 02/28/12 13:45 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 12:36	LE	TAL NC

Client Sample ID: WG-12616-022812-DN-03 — **Lab Sample ID: 240-8929-3**
Date Collected: 02/28/12 15:40 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 12:59	LE	TAL NC

Client Sample ID: WG-12616-022812-DN-04 — **Lab Sample ID: 240-8929-4**
Date Collected: 02/28/12 16:45 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 13:22	LE	TAL NC

Client Sample ID: WG-12616-022812-DN-05 — **Lab Sample ID: 240-8929-5**
Date Collected: 02/28/12 17:50 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 13:44	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-06 — **Lab Sample ID: 240-8929-6**
Date Collected: 02/29/12 09:05 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 14:07	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-07 — **Lab Sample ID: 240-8929-7**
Date Collected: 02/29/12 10:45 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 14:29	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-08 — **Lab Sample ID: 240-8929-8**
Date Collected: 02/29/12 11:50 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 14:52	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-09 — **Lab Sample ID: 240-8929-9**
Date Collected: 02/29/12 13:50 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 15:15	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-10 — **Lab Sample ID: 240-8929-10**
Date Collected: 02/29/12 15:40 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 15:37	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-11 — **Lab Sample ID: 240-8929-11**
Date Collected: 02/29/12 16:50 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 16:00	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-12 — **Lab Sample ID: 240-8929-12**
Date Collected: 02/29/12 17:30 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 16:22	LE	TAL NC

Client Sample ID: WG-12616-022912-DN-13 — **Lab Sample ID: 240-8929-13**
Date Collected: 02/29/12 18:00 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 16:45	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-14 — **Lab Sample ID: 240-8929-14**
Date Collected: 03/01/12 08:55 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 17:08	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-15 — **Lab Sample ID: 240-8929-15**
Date Collected: 03/01/12 10:15 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 17:30	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-16 — **Lab Sample ID: 240-8929-16**
Date Collected: 03/01/12 11:20 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 17:52	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-17 — **Lab Sample ID: 240-8929-17**
Date Collected: 03/01/12 12:55 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 18:14	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-18 — **Lab Sample ID: 240-8929-18**
Date Collected: 03/01/12 14:40 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 18:37	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-19 — **Lab Sample ID: 240-8929-19**
Date Collected: 03/01/12 18:15 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 18:59	LE	TAL NC

Client Sample ID: WG-12616-030112-DN-20 — **Lab Sample ID: 240-8929-20**
Date Collected: 03/01/12 16:55 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 14:55	RQ	TAL NC

Client Sample ID: WG-12616-030112-DN-21 — **Lab Sample ID: 240-8929-21**
Date Collected: 03/01/12 17:50 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 15:16	RQ	TAL NC

Client Sample ID: WG-12616-030112-DN-22 — **Lab Sample ID: 240-8929-22**
Date Collected: 03/01/12 18:40 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 15:37	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-23 — **Lab Sample ID: 240-8929-23**
Date Collected: 03/02/12 07:25 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		14.286	36298	03/09/12 12:24	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-24 — **Lab Sample ID: 240-8929-24**
Date Collected: 03/02/12 08:40 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 15:59	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-25 — **Lab Sample ID: 240-8929-25**
Date Collected: 03/02/12 10:10 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 16:20	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-26 — **Lab Sample ID: 240-8929-26**
Date Collected: 03/02/12 11:20 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.667	36298	03/09/12 16:42	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-27 — **Lab Sample ID: 240-8929-27**
Date Collected: 03/02/12 12:30 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 17:04	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-28 — **Lab Sample ID: 240-8929-28**
Date Collected: 03/02/12 14:30 — **Matrix: Water**
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 17:26	RQ	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Client Sample ID: RB-12616-030212-DN-29

Lab Sample ID: 240-8929-29

Date Collected: 03/02/12 15:00
Matrix: Water
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36298	03/09/12 17:47	RQ	TAL NC

Client Sample ID: WG-12616-030212-DN-30

Lab Sample ID: 240-8929-30

Date Collected: 03/02/12 15:30
Matrix: Water
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.667	36298	03/09/12 18:08	RQ	TAL NC

Client Sample ID: TB-030212-001

Lab Sample ID: 240-8929-31

Date Collected: 03/02/12 00:00
Matrix: Water
Date Received: 03/03/12 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36073	03/07/12 19:21	LE	TAL NC

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8929-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	State Program	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	L-A-B	DoD ELAP		L2315
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio VAP	State Program	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	Federal		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	Washington	State Program	10	C971
TestAmerica North Canton	West Virginia DEP	State Program	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Hockler	COC No: 022321
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	1 of 3 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1739		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐ Job/SDG No:
Project Name: Elyria RFI	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-TO2	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C/Grab=G	TCL VOCs	Sample Specific Notes / Special Instructions:
WG-12616-022812-DN-01	2-28-12	1115		✓						✓							✓	
02		1345		✓						✓							✓	
03		1540		✓						✓							✓	
04		1645		✓						✓							✓	
05		1750		✓						✓							✓	
WG-12616-022912-DN-06	2-29-12	0905		✓						✓							✓	
07		1045		✓						✓							✓	
08		1150		✓						✓							✓	
09		1350		✓						✓							✓	
10		1540		✓						✓							✓	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Dan Newton	CRA	3-2-12 / 1800			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 3/3/12 0930

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TAL 0018- 1 (04/10)

3/13/2012

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: N. Canton, OH
Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 022320
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	2 of 3 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client: ☐ Lab pickup: ☐ Lab sampling: ☐
Project Name: Elyria RFI	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-T02	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite C / Grab G	Analyses: TCL VOCs	Sample Specific Notes / Special Instructions:
WG-12616-022912-DN-11	2-29-12	1650		✓						✓							✓	
12		1730		✓						✓							✓	
13		1800		✓						✓							✓	
WG-12616-030112-DN-14	3-1-12	0855		✓						✓							✓	
15		1015		✓						✓							✓	
16		1120		✓						✓							✓	
17		1255		✓						✓							✓	
18		1440		✓						✓							✓	
19		1815		✓						✓							✓	
20		1655		✓						✓							✓	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by: Don Newton	Company: CRA	Date/Time: 3-2-12 / 1800	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 3/3/12 0930

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TAL 0018- 1 (04/10)

3/13/2012

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A. LaVoie	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 022319
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	3 of 3 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐ Job/SDG No:
Project Name: Elyria RFI	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-TO2	Shipping/Tracking No:			
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite-C / Grab-G	TCL VOCs	Sample Specific Notes / Special Instructions:
WG-12616-030112-DN-21	3-1-12	1750		✓						✓							✓	
" " 22	"	1840		✓						✓							✓	
WG-12616-030212-DN-23	3-2-12	0725		✓						✓							✓	MS/MSD
24		0840		✓						✓							✓	
25		1010		✓						✓							✓	
26		1120		✓						✓							✓	
27		1230		✓						✓							✓	
28		1430		✓						✓							✓	
29		1500		✓						✓							✓	
30		1530		✓						✓							✓	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:
#TB-030212-001

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Dan Newton	CRA	3-2-12 / 1600			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 3/3/12 0930

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TAL 0018- 1 (04/10)

3/13/2012

TestAmerica North Canton Sample Receipt Form/Narrative **Login # :** 8929

Client CRA Site Name Elyria RFI By: (Signature)

Cooler Received on 3/3/12 Opened on 3-5-12

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # A529 Foam Box Client Cooler Multiple on Back Other

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF -2°C)	Sample Temp	3.9 °C	Corrected Temp	1.9 °C
IR GUN# 4G	(CF -1°C)	Sample Temp	____ °C	Corrected Temp	____ °C
IR GUN# 5G	(CF -1°C)	Sample Temp	____ °C	Corrected Temp	____ °C
IR GUN# 6Y	(CF -2°C)	Sample Temp	____ °C	Corrected Temp	____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity____	Yes (No)	
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were custody seals on the bottle(s)?	Yes (No)	
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
7. Could all bottle labels be reconciled with the COC?	(Yes)	No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
9. Sufficient quantity received to perform indicated analyses?	(Yes)	No
10. Were sample(s) at the correct pH upon receipt?	Yes No (NA)	
11. Were VOAs on the COC?	(Yes) (No)	
12. Were air bubbles >6 mm in any VOA vials?	Yes (No)	NA
13. Was a trip blank present in the cooler(s)?	(Yes)	No

Contacted PM DDH Date 3-5-12 by MS via Verbal (Voice Mail) Other

Concerning #14

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Rec'd 4x40 TB not on COC will log

15. SAMPLE CONDITION

Sample(s)_____ were received after the recommended holding time had expired.

Sample(s)_____ were received in a broken container.

Sample(s)_____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 110410-HNO3; Sulfuric Acid Lot# 041911-H2SO4; Sodium Hydroxide Lot# 121809 - NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

Chain of Custody Record

TestAmerica Laboratory location: N. Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Client Project Manager:	Site Contact:	Lab Contact:	COC No:
Company Name: CRA	A. LaVoie	D. Newton	D. Hocklar	022319
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	3 of 3 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUSINESS days)	Analyses	For Lab use only
Phone: 419-609-1339		TAT if different from below: ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client: ☐ Lab sampling: ☐
Project Name: Elyria RFI	Method of Shipment/Carrier: Fed Ex			Job/SDG No.:
Project Number: 12616-TO2	Shipping/Tracking No:			
P O #				

Sample Identification	Sample Date	Sample Time	Matrix: Aqueous	Sediment	Solid	Other	Containers & Preservatives: HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	Sample Specific Notes / Special Instructions:
WG-12616-030112-ON-21	3.1.12	1150	✓					✓							✓	P-1T
" " 22	"	1840	✓					✓							✓	DUPLICATE P-1T
WG-12616-030212-ON-23	3.2.12	0725	✓					✓							✓	MS/MSD P-5R
24		0840	✓					✓							✓	P-5SR
25		100	✓					✓							✓	FD-06
26		1120	✓					✓							✓	FD-05
27		1230	✓					✓							✓	MW-15R
28		1430	✓					✓							✓	MW-16R
RB- 29		1500	✓					✓							✓	Rinse Blank
30		1530	✓					✓							✓	FD-05

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: #TB-030212-001 — ✓ ✓ ✓ TRIP Blank

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Don Newton	CRA	3.2.12 / 1800			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL 0018-1 (04/10)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-8929-1

Login Number: 8929

List Source: TestAmerica North Canton

List Number: 1

Creator: Sutek, Nick

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica North Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-8985-1
Client Project/Site: 12616-T02, Racer Elyria

For:
Conestoga-Rovers & Associates, Inc.
9033 Meridian Way
West Chester, Ohio 45069

Attn: Ms. Angela Bown

Authorized for release by:
3/14/2012 1:26:55 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 240-8985-1

Laboratory: TestAmerica North Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12616-T02, Racer Elyria

Report Number: 240-8985-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 03/07/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.7 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/12/2012.

Trichlorofluoromethane failed the recovery criteria high for the MS of sample WG-12616-030512-DN-32MS (240-8985-2) in batch 240-36507.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-8985-1	WG-12616-030512-DN-31	Water	03/05/12 14:00	03/07/12 09:15
240-8985-2	WG-12616-030512-DN-32	Water	03/05/12 15:00	03/07/12 09:15
240-8985-3	WG-12616-030512-DN-33	Water	03/05/12 16:25	03/07/12 09:15
240-8985-4	WG-12616-030512-DN-34	Water	03/05/12 17:30	03/07/12 09:15
240-8985-5	WG-12616-030612-DN-35	Water	03/06/12 08:15	03/07/12 09:15
240-8985-6	WG-12616-030612-DN-36	Water	03/06/12 09:15	03/07/12 09:15
240-8985-7	WG-12616-030612-DN-37	Water	03/06/12 10:05	03/07/12 09:15
240-8985-8	WG-12616-030612-DN-38	Water	03/06/12 10:40	03/07/12 09:15
240-8985-9	WG-12616-030612-DN-39	Water	03/06/12 11:40	03/07/12 09:15
240-8985-10	RB-12616-030612-DN-40	Water	03/06/12 12:00	03/07/12 09:15

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-31 — Lab Sample ID: 240-8985-1

No Detections

Client Sample ID: WG-12616-030512-DN-32 — Lab Sample ID: 240-8985-2

No Detections

Client Sample ID: WG-12616-030512-DN-33 — Lab Sample ID: 240-8985-3

No Detections

Client Sample ID: WG-12616-030512-DN-34 — Lab Sample ID: 240-8985-4

No Detections

Client Sample ID: WG-12616-030612-DN-35 — Lab Sample ID: 240-8985-5

No Detections

Client Sample ID: WG-12616-030612-DN-36 — Lab Sample ID: 240-8985-6

No Detections

Client Sample ID: WG-12616-030612-DN-37 — Lab Sample ID: 240-8985-7

No Detections

Client Sample ID: WG-12616-030612-DN-38 — Lab Sample ID: 240-8985-8

No Detections

Client Sample ID: WG-12616-030612-DN-39 — Lab Sample ID: 240-8985-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.27	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: RB-12616-030612-DN-40 — Lab Sample ID: 240-8985-10

No Detections

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-31
Date Collected: 03/05/12 14:00
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 16:31	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 16:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 16:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 16:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 16:31	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 16:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 16:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 16:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 16:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 16:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 16:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 16:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 16:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 16:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 16:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 16:31	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 16:31	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 16:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 16:31	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 16:31	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 16:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 16:31	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 16:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 16:31	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 16:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 16:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 16:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 16:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 16:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 16:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 16:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 16:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 16:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 16:31	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 16:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 16:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 16:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 16:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 16:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 16:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 129*		*03/12/12 16:31*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-31
Date Collected: 03/05/12 14:00
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		66 - 117		03/12/12 16:31	1
Toluene-d8 (Surr)	88		74 - 115		03/12/12 16:31	1
Dibromofluoromethane (Surr)	95		75 - 121		03/12/12 16:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-32
Date Collected: 03/05/12 15:00
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 16:53	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 16:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 16:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 16:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 16:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 16:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 16:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 16:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 16:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 16:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 16:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 16:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 16:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 16:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 16:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 16:53	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 16:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 16:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 16:53	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 16:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 16:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 16:53	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 16:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 16:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 16:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 16:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 16:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 16:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 16:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 16:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 16:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 16:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 16:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 16:53	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 16:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 16:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 16:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 16:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 16:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 16:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 129*		*03/12/12 16:53*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-32
Date Collected: 03/05/12 15:00
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		66 - 117		03/12/12 16:53	1
Toluene-d8 (Surr)	88		74 - 115		03/12/12 16:53	1
Dibromofluoromethane (Surr)	102		75 - 121		03/12/12 16:53	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-33
Date Collected: 03/05/12 16:25
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 17:16	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 17:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 17:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 17:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 17:16	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 17:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 17:16	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 17:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 17:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 17:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 17:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 17:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 17:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 17:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 17:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 17:16	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 17:16	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 17:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 17:16	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 17:16	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 17:16	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 17:16	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 17:16	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 17:16	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 17:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 17:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 17:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 17:16	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 17:16	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 17:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 17:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 17:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 17:16	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 17:16	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 17:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 17:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 17:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 17:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 17:16	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 17:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 129*		*03/12/12 17:16*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-33
Date Collected: 03/05/12 16:25
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		66 - 117		03/12/12 17:16	1
Toluene-d8 (Surr)	85		74 - 115		03/12/12 17:16	1
Dibromofluoromethane (Surr)	100		75 - 121		03/12/12 17:16	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-34
Date Collected: 03/05/12 17:30
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 17:38	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 17:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 17:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 17:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 17:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 17:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 17:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 17:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 17:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 17:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 17:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 17:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 17:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 17:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 17:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 17:38	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 17:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 17:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 17:38	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 17:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 17:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 17:38	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 17:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 17:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 17:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 17:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 17:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 17:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 17:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 17:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 17:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 17:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 17:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 17:38	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 17:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 17:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 17:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 17:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 17:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*63 - 129*		*03/12/12 17:38*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030512-DN-34
Date Collected: 03/05/12 17:30
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		66 - 117		03/12/12 17:38	1
Toluene-d8 (Surr)	89		74 - 115		03/12/12 17:38	1
Dibromofluoromethane (Surr)	99		75 - 121		03/12/12 17:38	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-35
Date Collected: 03/06/12 08:15
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 18:00	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 18:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 18:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 18:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 18:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 18:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 18:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 18:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 18:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 18:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 18:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 18:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 18:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 18:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 18:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 18:00	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 18:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 18:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 18:00	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 18:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 18:00	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 18:00	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 18:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 18:00	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 18:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 18:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 18:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 18:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 18:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 18:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 18:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 18:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 18:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 18:00	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 18:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 18:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 18:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 18:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 18:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 129*		*03/12/12 18:00*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-35
Date Collected: 03/06/12 08:15
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		66 - 117		03/12/12 18:00	1
Toluene-d8 (Surr)	85		74 - 115		03/12/12 18:00	1
Dibromofluoromethane (Surr)	102		75 - 121		03/12/12 18:00	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-36
Date Collected: 03/06/12 09:15
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 18:23	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 18:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 18:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 18:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 18:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 18:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 18:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 18:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 18:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 18:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 18:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 18:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 18:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 18:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 18:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 18:23	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 18:23	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 18:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 18:23	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 18:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 18:23	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 18:23	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 18:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 18:23	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 18:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 18:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 18:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 18:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 18:23	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 18:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 18:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 18:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 18:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 18:23	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 18:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 18:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 18:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 18:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 18:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 129*		*03/12/12 18:23*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-36
Date Collected: 03/06/12 09:15
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		66 - 117		03/12/12 18:23	1
Toluene-d8 (Surr)	87		74 - 115		03/12/12 18:23	1
Dibromofluoromethane (Surr)	97		75 - 121		03/12/12 18:23	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-37
Date Collected: 03/06/12 10:05
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 18:45	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 18:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 18:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 18:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 18:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 18:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 18:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 18:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 18:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 18:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 18:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 18:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 18:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 18:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 18:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 18:45	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 18:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 18:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 18:45	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 18:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 18:45	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 18:45	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 18:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 18:45	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 18:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 18:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 18:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 18:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 18:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 18:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 18:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 18:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 18:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 18:45	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 18:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 18:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 18:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 18:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 18:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*63 - 129*		*03/12/12 18:45*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-37
Date Collected: 03/06/12 10:05
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		66 - 117		03/12/12 18:45	1
Toluene-d8 (Surr)	84		74 - 115		03/12/12 18:45	1
Dibromofluoromethane (Surr)	102		75 - 121		03/12/12 18:45	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-38
Date Collected: 03/06/12 10:40
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 19:07	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 19:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 19:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 19:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 19:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 19:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 19:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 19:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 19:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 19:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 19:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 19:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 19:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 19:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 19:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 19:07	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 19:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 19:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 19:07	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 19:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 19:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 19:07	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 19:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 19:07	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 19:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 19:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 19:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 19:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 19:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 19:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 19:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 19:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 19:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 19:07	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 19:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 19:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 19:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 19:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 19:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 19:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*63 - 129*		*03/12/12 19:07*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-38
Date Collected: 03/06/12 10:40
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		66 - 117		03/12/12 19:07	1
Toluene-d8 (Surr)	88		74 - 115		03/12/12 19:07	1
Dibromofluoromethane (Surr)	102		75 - 121		03/12/12 19:07	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-39
Date Collected: 03/06/12 11:40
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 19:30	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 19:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 19:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 19:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 19:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 19:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 19:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 19:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 19:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 19:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 19:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 19:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 19:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 19:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 19:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 19:30	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 19:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 19:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 19:30	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 19:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 19:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 19:30	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
Trichloroethene	**0.27**	**J**	1.0	0.17	ug/L			03/12/12 19:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 19:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 19:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 19:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 19:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 19:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 19:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 19:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 19:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 19:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 19:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 19:30	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 19:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 19:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 19:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 19:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 19:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 19:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 129*		*03/12/12 19:30*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-39
Date Collected: 03/06/12 11:40
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		66 - 117		03/12/12 19:30	1
Toluene-d8 (Surr)	90		74 - 115		03/12/12 19:30	1
Dibromofluoromethane (Surr)	104		75 - 121		03/12/12 19:30	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: RB-12616-030612-DN-40
Date Collected: 03/06/12 12:00
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 19:52	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 19:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 19:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 19:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 19:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 19:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 19:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 19:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 19:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 19:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 19:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 19:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 19:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 19:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 19:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 19:52	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 19:52	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 19:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 19:52	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 19:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 19:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 19:52	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 19:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 19:52	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 19:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 19:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 19:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 19:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 19:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 19:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 19:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 19:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 19:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 19:52	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 19:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 19:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 19:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 19:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 19:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 19:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 129*		*03/12/12 19:52*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: RB-12616-030612-DN-40
Date Collected: 03/06/12 12:00
Date Received: 03/07/12 09:15

Lab Sample ID: 240-8985-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		66 - 117		03/12/12 19:52	1
Toluene-d8 (Surr)	86		74 - 115		03/12/12 19:52	1
Dibromofluoromethane (Surr)	100		75 - 121		03/12/12 19:52	1

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-8985-1	WG-12616-030512-DN-31	109	94	88	95
240-8985-2	WG-12616-030512-DN-32	113	95	88	102
240-8985-2 MS	WG-12616-030512-DN-32	103	104	92	97
240-8985-2 MSD	WG-12616-030512-DN-32	106	111	94	102
240-8985-3	WG-12616-030512-DN-33	111	94	85	100
240-8985-4	WG-12616-030512-DN-34	115	97	89	99
240-8985-5	WG-12616-030612-DN-35	108	92	85	102
240-8985-6	WG-12616-030612-DN-36	110	97	87	97
240-8985-7	WG-12616-030612-DN-37	118	94	84	102
240-8985-8	WG-12616-030612-DN-38	117	94	88	102
240-8985-9	WG-12616-030612-DN-39	113	99	90	104
240-8985-10	RB-12616-030612-DN-40	108	95	86	100
LCS 240-36507/4	Lab Control Sample	103	108	91	98
MB 240-36507/5	Method Blank	106	97	89	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-36507/5
Matrix: Water
Analysis Batch: 36507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			03/12/12 14:09	1
Benzene	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			03/12/12 14:09	1
Bromoform	1.0	U	1.0	0.64	ug/L			03/12/12 14:09	1
Bromomethane	1.0	U	1.0	0.41	ug/L			03/12/12 14:09	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			03/12/12 14:09	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 14:09	1
Chloroethane	1.0	U	1.0	0.29	ug/L			03/12/12 14:09	1
Chloroform	1.0	U	1.0	0.16	ug/L			03/12/12 14:09	1
Chloromethane	1.0	U	1.0	0.30	ug/L			03/12/12 14:09	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			03/12/12 14:09	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 14:09	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 14:09	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			03/12/12 14:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			03/12/12 14:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			03/12/12 14:09	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			03/12/12 14:09	1
2-Hexanone	10	U	10	0.41	ug/L			03/12/12 14:09	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			03/12/12 14:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			03/12/12 14:09	1
Styrene	1.0	U	1.0	0.11	ug/L			03/12/12 14:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			03/12/12 14:09	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			03/12/12 14:09	1
Toluene	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 14:09	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			03/12/12 14:09	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			03/12/12 14:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			03/12/12 14:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			03/12/12 14:09	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			03/12/12 14:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			03/12/12 14:09	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			03/12/12 14:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			03/12/12 14:09	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			03/12/12 14:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			03/12/12 14:09	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
Methyl acetate	10	U	10	0.38	ug/L			03/12/12 14:09	1
Methyl tert-butyl ether	5.0	U	5.0	0.17	ug/L			03/12/12 14:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			03/12/12 14:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			03/12/12 14:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			03/12/12 14:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			03/12/12 14:09	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			03/12/12 14:09	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			03/12/12 14:09	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-36507/5
Matrix: Water
Analysis Batch: 36507

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 129		03/12/12 14:09	1
4-Bromofluorobenzene (Surr)	97		66 - 117		03/12/12 14:09	1
Toluene-d8 (Surr)	89		74 - 115		03/12/12 14:09	1
Dibromofluoromethane (Surr)	95		75 - 121		03/12/12 14:09	1

Lab Sample ID: LCS 240-36507/4
Matrix: Water
Analysis Batch: 36507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	16.6		ug/L		83	43 - 136
Benzene	10.0	9.06		ug/L		91	83 - 112
Dichlorobromomethane	10.0	10.8		ug/L		108	72 - 121
Bromoform	10.0	10.1		ug/L		101	40 - 131
Bromomethane	10.0	10.5		ug/L		105	11 - 185
2-Butanone (MEK)	20.0	18.3		ug/L		92	60 - 126
Carbon disulfide	10.0	8.82		ug/L		88	62 - 142
Carbon tetrachloride	10.0	11.4		ug/L		114	66 - 128
Chlorobenzene	10.0	8.74		ug/L		87	85 - 110
Chloroethane	10.0	10.2		ug/L		102	25 - 153
Chloroform	10.0	10.4		ug/L		104	79 - 117
Chloromethane	10.0	9.09		ug/L		91	44 - 126
1,1-Dichloroethane	10.0	9.65		ug/L		97	82 - 115
1,2-Dichloroethane	10.0	11.3		ug/L		113	71 - 127
1,1-Dichloroethene	10.0	9.23		ug/L		92	78 - 131
1,2-Dichloropropane	10.0	9.36		ug/L		94	81 - 115
cis-1,3-Dichloropropene	10.0	8.62		ug/L		86	61 - 115
trans-1,3-Dichloropropene	10.0	8.79		ug/L		88	58 - 117
Ethylbenzene	10.0	9.09		ug/L		91	83 - 112
2-Hexanone	20.0	18.7		ug/L		94	55 - 133
Methylene Chloride	10.0	9.15		ug/L		92	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.8		ug/L		99	63 - 128
Styrene	10.0	9.38		ug/L		94	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.41		ug/L		84	68 - 118
Tetrachloroethene	10.0	8.40		ug/L		84	79 - 114
Toluene	10.0	8.51		ug/L		85	84 - 111
Trichloroethene	10.0	9.41		ug/L		94	76 - 117
Vinyl chloride	10.0	9.78		ug/L		98	53 - 127
Xylenes, Total	30.0	27.2		ug/L		91	83 - 112
1,1,1-Trichloroethane	10.0	11.1		ug/L		111	74 - 118
1,1,2-Trichloroethane	10.0	8.79		ug/L		88	80 - 112
Cyclohexane	10.0	9.05		ug/L		91	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.43		ug/L		84	42 - 136
Ethylene Dibromide	10.0	9.33		ug/L		93	79 - 113
Dichlorodifluoromethane	10.0	8.97		ug/L		90	19 - 129
cis-1,2-Dichloroethene	10.0	9.35		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.43		ug/L		94	83 - 117
Isopropylbenzene	10.0	9.37		ug/L		94	75 - 114
Methyl acetate	10.0	11.1		ug/L		111	58 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-36507/4
Matrix: Water
Analysis Batch: 36507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	10.0	10.9		ug/L		109	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.8		ug/L		108	74 - 151
1,2,4-Trichlorobenzene	10.0	8.20		ug/L		82	48 - 135
1,2-Dichlorobenzene	10.0	9.04		ug/L		90	81 - 110
1,3-Dichlorobenzene	10.0	8.76		ug/L		88	80 - 110
1,4-Dichlorobenzene	10.0	8.96		ug/L		90	82 - 110
Trichlorofluoromethane	10.0	12.9		ug/L		129	49 - 157
Chlorodibromomethane	10.0	8.37		ug/L		84	64 - 119
Methylcyclohexane	10.0	9.43		ug/L		94	56 - 127
m-Xylene & p-Xylene	20.0	18.1		ug/L		91	83 - 113
o-Xylene	10.0	9.08		ug/L		91	83 - 113

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 129*
4-Bromofluorobenzene (Surr)	*108*		*66 - 117*
Toluene-d8 (Surr)	*91*		*74 - 115*
Dibromofluoromethane (Surr)	*98*		*75 - 121*

Lab Sample ID: 240-8985-2 MS
Matrix: Water
Analysis Batch: 36507

Client Sample ID: WG-12616-030512-DN-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	10	U	20.0	17.1		ug/L		86	33 - 145
Benzene	1.0	U	10.0	8.99		ug/L		90	72 - 121
Dichlorobromomethane	1.0	U	10.0	10.4		ug/L		104	67 - 120
Bromoform	1.0	U	10.0	8.90		ug/L		89	32 - 128
Bromomethane	1.0	U	10.0	10.4		ug/L		104	10 - 186
2-Butanone (MEK)	10	U	20.0	16.0		ug/L		80	54 - 129
Carbon disulfide	1.0	U	10.0	9.77		ug/L		98	57 - 147
Carbon tetrachloride	1.0	U	10.0	12.5		ug/L		125	59 - 129
Chlorobenzene	1.0	U	10.0	8.59		ug/L		86	80 - 110
Chloroethane	1.0	U	10.0	10.1		ug/L		101	21 - 165
Chloroform	1.0	U	10.0	10.6		ug/L		106	76 - 118
Chloromethane	1.0	U	10.0	9.58		ug/L		96	33 - 132
1,1-Dichloroethane	1.0	U	10.0	10.1		ug/L		101	79 - 116
1,2-Dichloroethane	1.0	U	10.0	10.8		ug/L		108	68 - 129
1,1-Dichloroethene	1.0	U	10.0	10.3		ug/L		103	74 - 135
1,2-Dichloropropane	1.0	U	10.0	8.66		ug/L		87	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	7.23		ug/L		72	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	7.70		ug/L		77	46 - 116
Ethylbenzene	1.0	U	10.0	9.10		ug/L		91	75 - 116
2-Hexanone	10	U	20.0	16.5		ug/L		83	47 - 139
Methylene Chloride	1.0	U	10.0	9.33		ug/L		93	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	16.8		ug/L		84	56 - 131
Styrene	1.0	U	10.0	9.78		ug/L		98	71 - 117
1,1,2,2-Tetrachloroethane	1.0	U	10.0	7.81		ug/L		78	63 - 122
Tetrachloroethene	1.0	U	10.0	9.37		ug/L		94	70 - 117
Toluene	1.0	U	10.0	8.79		ug/L		88	78 - 114

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-8985-2 MS
Matrix: Water
Analysis Batch: 36507

Client Sample ID: WG-12616-030512-DN-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	1.0	U	10.0	9.40		ug/L		94	66 - 120
Vinyl chloride	1.0	U	10.0	10.8		ug/L		108	49 - 130
Xylenes, Total	2.0	U	30.0	28.1		ug/L		94	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	11.7		ug/L		117	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	8.10		ug/L		81	75 - 115
Cyclohexane	1.0	U	10.0	11.0		ug/L		110	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	7.39		ug/L		74	32 - 139
Ethylene Dibromide	1.0	U	10.0	8.52		ug/L		85	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	11.6		ug/L		116	17 - 128
cis-1,2-Dichloroethene	1.0	U	10.0	9.43		ug/L		94	70 - 120
trans-1,2-Dichloroethene	1.0	U	10.0	9.70		ug/L		97	80 - 119
Isopropylbenzene	1.0	U	10.0	9.90		ug/L		99	68 - 116
Methyl acetate	10	U	10.0	9.90	J	ug/L		99	47 - 130
Methyl tert-butyl ether	5.0	U	10.0	9.80		ug/L		98	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	13.8		ug/L		138	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	8.58		ug/L		86	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	8.80		ug/L		88	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.69		ug/L		87	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.82		ug/L		88	75 - 110
Trichlorofluoromethane	1.0	U	10.0	15.9	F	ug/L		159	46 - 157
Chlorodibromomethane	1.0	U	10.0	8.47		ug/L		85	56 - 118
Methylcyclohexane	1.0	U	10.0	12.4		ug/L		124	49 - 127
m-Xylene & p-Xylene	2.0		20.0	18.9		ug/L		95	75 - 117
o-Xylene	1.0		10.0	9.22		ug/L		92	76 - 116

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 129*
4-Bromofluorobenzene (Surr)	*104*		*66 - 117*
Toluene-d8 (Surr)	*92*		*74 - 115*
Dibromofluoromethane (Surr)	*97*		*75 - 121*

Lab Sample ID: 240-8985-2 MSD
Matrix: Water
Analysis Batch: 36507

Client Sample ID: WG-12616-030512-DN-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	10	U	20.0	16.5		ug/L		83	33 - 145	4	30
Benzene	1.0	U	10.0	9.29		ug/L		93	72 - 121	3	30
Dichlorobromomethane	1.0	U	10.0	10.5		ug/L		105	67 - 120	1	30
Bromoform	1.0	U	10.0	9.21		ug/L		92	32 - 128	3	30
Bromomethane	1.0	U	10.0	11.6		ug/L		116	10 - 186	11	30
2-Butanone (MEK)	10	U	20.0	16.9		ug/L		85	54 - 129	5	30
Carbon disulfide	1.0	U	10.0	9.61		ug/L		96	57 - 147	2	30
Carbon tetrachloride	1.0	U	10.0	12.0		ug/L		120	59 - 129	4	30
Chlorobenzene	1.0	U	10.0	9.23		ug/L		92	80 - 110	7	30
Chloroethane	1.0	U	10.0	11.1		ug/L		111	21 - 165	9	30
Chloroform	1.0	U	10.0	10.7		ug/L		107	76 - 118	1	30
Chloromethane	1.0	U	10.0	9.61		ug/L		96	33 - 132	0	30
1,1-Dichloroethane	1.0	U	10.0	10.2		ug/L		102	79 - 116	1	30

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-8985-2 MSD
Matrix: Water
Analysis Batch: 36507

Client Sample ID: WG-12616-030512-DN-32
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	1.0	U	10.0	11.5		ug/L		115	68 - 129	6	30
1,1-Dichloroethene	1.0	U	10.0	10.1		ug/L		101	74 - 135	2	30
1,2-Dichloropropane	1.0	U	10.0	8.81		ug/L		88	78 - 115	2	30
cis-1,3-Dichloropropene	1.0	U	10.0	7.70		ug/L		77	51 - 110	6	30
trans-1,3-Dichloropropene	1.0	U	10.0	8.45		ug/L		85	46 - 116	9	30
Ethylbenzene	1.0	U	10.0	9.73		ug/L		97	75 - 116	7	30
2-Hexanone	10	U	20.0	19.3		ug/L		97	47 - 139	16	30
Methylene Chloride	1.0	U	10.0	9.23		ug/L		92	63 - 128	1	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	18.5		ug/L		93	56 - 131	10	30
Styrene	1.0	U	10.0	10.3		ug/L		103	71 - 117	5	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.07		ug/L		81	63 - 122	3	30
Tetrachloroethene	1.0	U	10.0	10.0		ug/L		100	70 - 117	7	30
Toluene	1.0	U	10.0	9.34		ug/L		93	78 - 114	6	30
Trichloroethene	1.0	U	10.0	9.62		ug/L		96	66 - 120	2	30
Vinyl chloride	1.0	U	10.0	10.5		ug/L		105	49 - 130	3	30
Xylenes, Total	2.0	U	30.0	29.5		ug/L		98	76 - 116	5	30
1,1,1-Trichloroethane	1.0	U	10.0	11.8		ug/L		118	68 - 121	1	30
1,1,2-Trichloroethane	1.0	U	10.0	8.90		ug/L		89	75 - 115	9	30
Cyclohexane	1.0	U	10.0	10.0		ug/L		100	49 - 123	10	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	8.35		ug/L		84	32 - 139	12	30
Ethylene Dibromide	1.0	U	10.0	9.32		ug/L		93	74 - 113	9	30
Dichlorodifluoromethane	1.0	U	10.0	10.6		ug/L		106	17 - 128	9	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.65		ug/L		97	70 - 120	2	30
trans-1,2-Dichloroethene	1.0	U	10.0	9.61		ug/L		96	80 - 119	1	30
Isopropylbenzene	1.0	U	10.0	10.2		ug/L		102	68 - 116	3	30
Methyl acetate	10	U	10.0	10.6		ug/L		106	47 - 130	7	30
Methyl tert-butyl ether	5.0	U	10.0	10.4		ug/L		104	46 - 144	6	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	1.0	U	10.0	12.5		ug/L		125	70 - 152	10	30
1,2,4-Trichlorobenzene	1.0	U	10.0	8.60		ug/L		86	38 - 138	0	30
1,2-Dichlorobenzene	1.0	U	10.0	9.11		ug/L		91	75 - 111	3	30
1,3-Dichlorobenzene	1.0	U	10.0	8.93		ug/L		89	73 - 110	3	30
1,4-Dichlorobenzene	1.0	U	10.0	8.91		ug/L		89	75 - 110	1	30
Trichlorofluoromethane	1.0	U	10.0	14.6		ug/L		146	46 - 157	9	30
Chlorodibromomethane	1.0	U	10.0	8.53		ug/L		85	56 - 118	1	30
Methylcyclohexane	1.0	U	10.0	9.98		ug/L		100	49 - 127	22	30
m-Xylene & p-Xylene	2.0		20.0	19.5		ug/L		98	75 - 117	3	30
o-Xylene	1.0		10.0	10.0		ug/L		100	76 - 116	8	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 129*
4-Bromofluorobenzene (Surr)	*111*		*66 - 117*
Toluene-d8 (Surr)	*94*		*74 - 115*
Dibromofluoromethane (Surr)	*102*		*75 - 121*

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

GC/MS VOA

Analysis Batch: 36507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-8985-1	WG-12616-030512-DN-31	Total/NA	Water	8260B	
240-8985-2	WG-12616-030512-DN-32	Total/NA	Water	8260B	
240-8985-2 MS	WG-12616-030512-DN-32	Total/NA	Water	8260B	
240-8985-2 MSD	WG-12616-030512-DN-32	Total/NA	Water	8260B	
240-8985-3	WG-12616-030512-DN-33	Total/NA	Water	8260B	
240-8985-4	WG-12616-030512-DN-34	Total/NA	Water	8260B	
240-8985-5	WG-12616-030612-DN-35	Total/NA	Water	8260B	
240-8985-6	WG-12616-030612-DN-36	Total/NA	Water	8260B	
240-8985-7	WG-12616-030612-DN-37	Total/NA	Water	8260B	
240-8985-8	WG-12616-030612-DN-38	Total/NA	Water	8260B	
240-8985-9	WG-12616-030612-DN-39	Total/NA	Water	8260B	
240-8985-10	RB-12616-030612-DN-40	Total/NA	Water	8260B	
LCS 240-36507/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-36507/5	Method Blank	Total/NA	Water	8260B	

Client Sample ID: WG-12616-030512-DN-31 — **Lab Sample ID: 240-8985-1**
Date Collected: 03/05/12 14:00 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 16:31	LW	TAL NC

Client Sample ID: WG-12616-030512-DN-32 — **Lab Sample ID: 240-8985-2**
Date Collected: 03/05/12 15:00 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 16:53	LW	TAL NC

Client Sample ID: WG-12616-030512-DN-33 — **Lab Sample ID: 240-8985-3**
Date Collected: 03/05/12 16:25 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 17:16	LW	TAL NC

Client Sample ID: WG-12616-030512-DN-34 — **Lab Sample ID: 240-8985-4**
Date Collected: 03/05/12 17:30 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 17:38	LW	TAL NC

Client Sample ID: WG-12616-030612-DN-35 — **Lab Sample ID: 240-8985-5**
Date Collected: 03/06/12 08:15 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 18:00	LW	TAL NC

Client Sample ID: WG-12616-030612-DN-36 — **Lab Sample ID: 240-8985-6**
Date Collected: 03/06/12 09:15 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 18:23	LW	TAL NC

Client Sample ID: WG-12616-030612-DN-37 — **Lab Sample ID: 240-8985-7**
Date Collected: 03/06/12 10:05 — **Matrix: Water**
Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 18:45	LW	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Client Sample ID: WG-12616-030612-DN-38

Lab Sample ID: 240-8985-8

Date Collected: 03/06/12 10:40

Matrix: Water

Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 19:07	LW	TAL NC

Client Sample ID: WG-12616-030612-DN-39

Lab Sample ID: 240-8985-9

Date Collected: 03/06/12 11:40

Matrix: Water

Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 19:30	LW	TAL NC

Client Sample ID: RB-12616-030612-DN-40

Lab Sample ID: 240-8985-10

Date Collected: 03/06/12 12:00

Matrix: Water

Date Received: 03/07/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	36507	03/12/12 19:52	LW	TAL NC

Laboratory References:

TAL NC = TestAmerica North Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12616-T02, Racer Elyria

TestAmerica Job ID: 240-8985-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	State Program	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	L-A-B	DoD ELAP		L2315
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio VAP	State Program	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	Federal		P330-11-00328
TestAmerica North Canton	Virginia	NELAC Secondary AB	3	460175
TestAmerica North Canton	Washington	State Program	10	C971
TestAmerica North Canton	West Virginia DEP	State Program	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Chain of Custody Record

TestAmerica Laboratory location: Test America - North Canton, OH

Regulatory program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other _____

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact				
Company Name: CRA	Client Project Manager: A-LaVine	Site Contact: D. Newton	Lab Contact: D. Heckler	COC No: 022318
Address: 1805 E. Perkins	Telephone:	Telephone:	Telephone:	1 of 1 COCs
City/State/Zip: Sandusky, OH	Email:	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 419-609-1339		TAT if different from below _____ ☐ 3 weeks ☒ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client: ☐ Lab pickup: ☐ Lab sampling: ☐
Project Name: Elyria RFI	Method of Shipment/Carrier: Fed Ex			
Project Number: 12616-TO2	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TCL VOCs	Sample Specific Notes / Special Instructions:
WB-12616-030512-DN-31	3.5.12	1400		✓						✓							✓	
32		1500		✓						✓							✓	
33		1625		✓						✓							✓	
34		1730		✓						✓							✓	
WB-12616-030612-DN-35	3.6.12	0815		✓						✓							✓	
36		0915		✓						✓							✓	
37		1005		✓						✓							✓	
38		1040		✓						✓							✓	
39		1140		✓						✓							✓	
RB-12616-030612-DN-40		1200		✓						✓							✓	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by: Don Newton	Company: CRA	Date/Time: 3.6.12 / 1700	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TAL	Date/Time: 3/7/12 915

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TAL 0018-1 (04/10)

TestAmerica North Canton Sample Receipt Form/Narrative **Login # :** 8985

Client CRA Site Name _____ By: _____

Cooler Received on 3-7-12 Opened on 3-7-12 (Signature)

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Multiple on Back Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF -2°C)	Sample Temp	4.7 °C	Corrected Temp	2.7 °C
IR GUN# 4G	(CF -1°C)	Sample Temp	_____ °C	Corrected Temp	_____ °C
IR GUN# 5G	(CF -1°C)	Sample Temp	_____ °C	Corrected Temp	_____ °C
IR GUN# 6Y	(CF -2°C)	Sample Temp	_____ °C	Corrected Temp	_____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes (No)
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No (NA)
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Did all bottles arrive in good condition (Unbroken)? (Yes) No
7. Could all bottle labels be reconciled with the COC? (Yes) No
8. Were correct bottle(s) used for the test(s) indicated? (Yes) No
9. Sufficient quantity received to perform indicated analyses? (Yes) No
10. Were sample(s) at the correct pH upon receipt? Yes No (NA)
11. Were VOAs on the COC? (Yes) No
12. Were air bubbles >6 mm in any VOA vials? Yes (No) NA
13. Was a trip blank present in the cooler(s)? Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 110410-HNO3; Sulfuric Acid Lot# 041911-H2SO4; Sodium Hydroxide Lot# 121809 - NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-8985-1

Login Number: 8985

List Source: TestAmerica North Canton

List Number: 1

Creator: Livengood, Chris

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	2.7
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix C

Data Validation Memos

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO:	Andrew Lavine	REF. NO.:	012616
FROM:	Angela Bown/bjw/3-NF	DATE:	September 22, 2011
CC:	Karen Partington		
RE:	Data Quality Assessment and Validation Remedial Investigation-Soil Sampling General Motors Corporation Elyria, Ohio August 2011		

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the August 2011 collection of 30 soil samples and two (2) quality control samples from the General Motors Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc in North Canton, Ohio (TestAmerica) in accordance with the methodologies presented in Table 2. Table 3A and Table 3B present the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999

ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), dioxins, and inorganics below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged

these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

The samples summarized in Table 4 were qualified due to violation of sample holding time periods. The remaining samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The samples presented in Table 5 were qualified due to laboratory contamination. The remaining method blank samples were reported to be free from detectable levels of target analytes or did not warrant qualification.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

Some surrogate recoveries could not be measured or evaluated due to dilutions required to successfully analyze the samples. No qualification of these samples was required. The surrogate recovery acceptance criteria were met for all samples that could be evaluated.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples. The samples selected for MS/MSD analysis are identified in Table 1.

In some sample batches, no Site-specific samples were utilized as MS/MSDs; precision and accuracy were verified by the analysis of the laboratory control sample/laboratory control duplicate (LCS/LCD). Qualification of samples associated with these MS/MSDs was not performed. The samples that were

qualified or rejected due to violation of MS/MSD percent recovery criteria are outlined in Table 6. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved with the exception of samples presented with qualifiers in Table 7.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of two (2) rinse blank samples and two (2) field duplicate sample sets.

Rinse Blanks

To assess the efficiency of field decontamination procedures and cleanliness of sample containers, the rinse blank samples identified in Table 1 were collected and analyzed.

The rinse blank samples were reported with parameters detected but the associated sample concentrations were either non-detect or exceed five (5) or 10 (for common laboratory contaminants) times the rinse blank result; therefore, no qualification was required. The samples that were qualified due to rinsate blank contamination are summarized in Table 8.

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is two times the RL value.

Table 9 presents the RPDs of detected analytes in duplicate sample sets with qualifiers.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted with the exception of antimony data were rejected in a number of samples due to MS/MSD recovery violation.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

						Analysis/Parameters							
Sample I.D.	*Location I.D.*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Metals*	*Hexavalent Chromium*	*Mercury*	*VOCs*	*SVOCs*	*Dioxins*	*Cyanide*	*Comments*
RB-080811-01	Equipment Blank			08/08/11	6:45:00 PM	X	X	X					
RB-080911-01	Equipment Blank			08/09/11	6:15:00 PM	X	X	X	X	X			
S-12616-080811-DN-01	SB-200	1	3	08/08/11	11:50:00 AM	X	X	X	X	X		X	
S-12616-080811-DN-02	SB-200	5	7	08/08/11	12:20:00 PM	X	X	X				X	
S-12616-080811-DN-03	SB-201	3	5	08/08/11	12:55:00 PM	X	X	X				X	
S-12616-080811-DN-04	SB-201	5	7	08/08/11	1:20:00 PM	X	X	X				X	
S-12616-080811-DN-05	SB-202	4	6	08/08/11	2:10:00 PM	X	X	X	X	X		X	
S-12616-080811-DN-06	SB-202	2	4	08/08/11	2:55:00 PM	X	X	X				X	
S-12616-080811-DN-07	SB-203	4	6	08/08/11	3:40:00 PM	X	X	X				X	MS/MSD
S-12616-080811-DN-08	SB-203	6	8	08/08/11	4:00:00 PM	X	X	X				X	
S-12616-080811-DN-09	SB-204	6	8	08/08/11	4:45:00 PM	X	X	X				X	
S-12616-080811-DN-10	SB-204	8	10	08/08/11	5:00:00 PM	X	X	X				X	
S-12616-080811-DN-11	SB-202	2	4	08/08/11	6:05:00 PM	X	X	X				X	S-12616-080811-DN-06
S-12616-080811-DN-12	SB-205	2	3	08/08/11	6:20:00 PM	X	X	X				X	
S-12616-080811-DN-13	SB-205	7.5	9.5	08/08/11	6:35:00 PM	X	X	X	X	X		X	
S-12616-080911-DN-14	SB-206	4	6	08/09/11	8:55:00 AM	X	X	X				X	
S-12616-080911-DN-15	SB-206	8	10	08/09/11	9:05:00 AM	X	X	X				X	
S-12616-080911-DN-16	SB-207	0	2	08/09/11	9:15:00 AM	X	X	X	X	X		X	MS/MSD
S-12616-080911-DN-17	SB-207	4	6	08/09/11	9:25:00 AM	X	X	X				X	
S-12616-080911-DN-18	SB-208	0	2	08/09/11	10:15:00 AM						X		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

						Analysis/Parameters							
Sample I.D.	*Location I.D.*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Metals*	*Hexavalent Chromium*	*Mercury*	*VOCs*	*SVOCs*	*Dioxins*	*Cyanide*	*Comments*
S-12616-080911-DN-19	SB-208	4	6	08/09/11	10:25:00 AM	X	X	X	X	X		X	
S-12616-080911-DN-20	SB-209	0	2	08/09/11	11:40:00 AM	X	X	X	X	X		X	
S-12616-080911-DN-21	SB-209	2	4	08/09/11	11:50:00 AM	X	X	X				X	
S-12616-080911-DN-22	SB-210	0	2	08/09/11	12:00:00 PM	X	X	X	X	X		X	
S-12616-080911-DN-23	SB-210	4	6	08/09/11	12:10:00 PM	X	X	X				X	
S-12616-080911-DN-24	SB-210	4	6	08/09/11	12:30:00 PM	X	X	X				X	S-12616-080911-DN-23
S-12616-080911-DN-25	SB-211	2	4	08/09/11	1:00:00 PM	X	X	X				X	
S-12616-080911-DN-26	SB-211	4	6	08/09/11	1:10:00 PM	X	X	X				X	
S-12616-080911-DN-27	SB-212	6	8	08/09/11	2:50:00 PM	X	X	X	X	X		X	
S-12616-080911-DN-28	SB-212	4	6	08/09/11	3:10:00 PM	X	X	X				X	
S-12616-080911-DN-29	SB-213	4	6	08/09/11	3:25:00 PM	X	X	X				X	
S-12616-080911-DN-30	SB-213	6	8	08/09/11	3:35:00 PM	X	X	X				X	MS/MSD

Notes:

VOCs Volatile Organic Compounds.
SVOCs Semi-Volatile Organic Compounds.
ft bgs Feet Below Ground Surface.
MS Matrix Spike.
MSD Matrix Spike Duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Method*
VOCs	SW-846 8260[1]
SVOCs	SW-846 8270[1]
Dioxins	SW-846 8290[1]
Cyanide	SW-846 9012[1]
Hexavalent Chromium	SW-846 7196[1]
Metals/Mercury	SW-846 6010/7471[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).
SVOCs Semi-Volatile Organic Compounds.
VOCs Volatile Organic Compounds.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1-Dichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1-Dichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	11 UJ	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dichloropropane	µg/kg	5.5 UJ	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	22 UJ	-	-	-	-	-
2-Hexanone	µg/kg	22 UJ	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	0.64 J	-	-	-	-	-
Acetone	µg/kg	22 J	-	-	-	-	-
Benzene	µg/kg	5.5 UJ	-	-	-	-	-
Bromodichloromethane	µg/kg	5.5 UJ	-	-	-	-	-
Bromoform	µg/kg	5.5 UJ	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	5.5 UJ	-	-	-	-	-
Carbon disulfide	µg/kg	2.7 J	-	-	-	-	-
Carbon tetrachloride	µg/kg	5.5 UJ	-	-	-	-	-
Chlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
Chloroethane	µg/kg	5.5 UJ	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	5.5 UJ	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	5.5 UJ	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	5.5 UJ	-	-	-	-	-
Cyclohexane	µg/kg	11 UJ	-	-	-	-	-
Dibromochloromethane	µg/kg	5.5 UJ	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	5.5 UJ	-	-	-	-	-
Ethylbenzene	µg/kg	5.5 UJ	-	-	-	-	-
Isopropyl benzene	µg/kg	5.5 UJ	-	-	-	-	-
Methyl acetate	µg/kg	11 UJ	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
	Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	*Units*						
Volatile Organic Compounds (Cont'd.)							
Methyl cyclohexane	µg/kg	11 UJ	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	22 UJ	-	-	-	-	-
Methylene chloride	µg/kg	2.5 J	-	-	-	-	-
Styrene	µg/kg	5.5 UJ	-	-	-	-	-
Tetrachloroethene	µg/kg	5.5 UJ	-	-	-	-	-
Toluene	µg/kg	5.5 UJ	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	5.5 UJ	-	-	-	-	-
Trichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	5.5 UJ	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	5.5 UJ	-	-	-	-	-
Vinyl chloride	µg/kg	5.5 UJ	-	-	-	-	-
Xylenes (total)	µg/kg	11 UJ	-	-	-	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	120 U	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	190 U	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	190 U	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	190 U	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	190 U	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	410 U	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	250 U	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	250 U	-	-	-	-	-
2-Chloronaphthalene	µg/kg	62 U	-	-	-	-	-
2-Chlorophenol	µg/kg	62 U	-	-	-	-	-
2-Methylnaphthalene	µg/kg	8.2 J	-	-	-	-	-
2-Methylphenol	µg/kg	250 U	-	-	-	-	-
2-Nitroaniline	µg/kg	250 U	-	-	-	-	-
2-Nitrophenol	µg/kg	62 U	-	-	-	-	-
3&4-Methylphenol	µg/kg	500 U	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	120 U	-	-	-	-	-
3-Nitroaniline	µg/kg	250 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	190 U	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	62 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
4-Chloro-3-methylphenol	µg/kg	190 U	-	-	-	-	-
4-Chloroaniline	µg/kg	190 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	62 U	-	-	-	-	-
4-Nitroaniline	µg/kg	250 U	-	-	-	-	-
4-Nitrophenol	µg/kg	410 U	-	-	-	-	-
Acenaphthene	µg/kg	8.3 U	-	-	-	-	-
Acenaphthylene	µg/kg	8.3 U	-	-	-	-	-
Acetophenone	µg/kg	120 U	-	-	-	-	-
Anthracene	µg/kg	8.3 U	-	-	-	-	-
Atrazine	µg/kg	250 U	-	-	-	-	-
Benzaldehyde	µg/kg	120 U	-	-	-	-	-
Benzo(a)anthracene	µg/kg	13	-	-	-	-	-
Benzo(a)pyrene	µg/kg	10	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	20	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	9.5	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	7.8 J	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	62 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	120 U	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	120 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	1700	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	62 U	-	-	-	-	-
Caprolactam	µg/kg	410 U	-	-	-	-	-
Carbazole	µg/kg	62 U	-	-	-	-	-
Chrysene	µg/kg	19	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	8.3 U	-	-	-	-	-
Dibenzofuran	µg/kg	62 U	-	-	-	-	-
Diethyl phthalate	µg/kg	62 U	-	-	-	-	-
Dimethyl phthalate	µg/kg	62 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	19 J	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	62 U	-	-	-	-	-
Fluoranthene	µg/kg	36	-	-	-	-	-
Fluorene	µg/kg	8.3 U	-	-	-	-	-
Hexachlorobenzene	µg/kg	8.3 U	-	-	-	-	-
Hexachlorobutadiene	µg/kg	62 U	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	410 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	***Units***					
Semi-volatile Organic Compounds (Cont'd.)						
Hexachloroethane	µg/kg	62 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	6.9 J	-	-	-	-	-
Isophorone	µg/kg	62 U	-	-	-	-	-
Naphthalene	µg/kg	5.8 J	-	-	-	-	-
Nitrobenzene	µg/kg	120 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	62 U	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	62 U	-	-	-	-	-
Pentachlorophenol	µg/kg	190 U	-	-	-	-	-
Phenanthrene	µg/kg	16	-	-	-	-	-
Phenol	µg/kg	62 U	-	-	-	-	-
Pyrene	µg/kg	28	-	-	-	-	-
Metals							
Aluminum	mg/kg	29000	4500	9500	8200	5800	8200
Antimony	mg/kg	1.1 UJ	1.1 UJ	2.1 J	1.2 UJ	1.6 J	2.2 J
Arsenic	mg/kg	1.4	11	11	8.3	8.5	12
Barium	mg/kg	250 J	28 J	420 J	63 J	67 J	110 J
Beryllium	mg/kg	5.7	0.15 J	0.18 J	0.29 J	0.16 J	0.28 J
Cadmium	mg/kg	0.22 U	0.30	2.9	0.24 U	0.44	1.0
Calcium	mg/kg	250000 J	1600 J	16000 J	3800 J	4300 J	16000 J
Chromium	mg/kg	7.3	8.0	1200	31	170 J	860 J
Chromium VI (hexavalent)	mg/kg	1.0 U	0.79 J	1.1	1.4	1.0	1.0 U
Cobalt	mg/kg	1.0 J	6.0	16	6.3	13	15
Copper	mg/kg	1.7 J	16 J	26000 J	190 J	4300 J	7700 J
Iron	mg/kg	4000	15000	59000	19000	29000	31000
Lead	mg/kg	1.3	7.3	530	12	140	200
Magnesium	mg/kg	34000	1200	4700	2700	2300	3700
Manganese	mg/kg	2400	180	480	230	260 J	1600 J
Mercury	mg/kg	0.084 U	0.019 J	0.14	0.030 J	0.13	0.19
Nickel	mg/kg	0.78 J	16	3000	54	1600	3000
Potassium	mg/kg	870	510 J	760	1000	720	720
Selenium	mg/kg	2.5	0.57 U	0.59 U	0.60 U	0.62 U	1.1
Silver	mg/kg	0.56 U	0.18 J	1.2	0.60 U	0.92 J	3.9 J
Sodium	mg/kg	1100	120 J	2400	600 U	390 J	1400 J

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
	Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	*Units*						
Metals (Cont'd.)							
Thallium	mg/kg	2.6	1.1 U	0.79 J	0.74 J	1.2 U	1.5
Vanadium	mg/kg	5.0 J	15	19	22	15	25
Zinc	mg/kg	3.4	47	36000	260	4400 J	19000 J
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
	Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO* *(Duplicate)*
Parameters	***Units***						
General Chemistry							
Cyanide (total)	mg/kg	0.62 U	0.12 J	0.36 J	0.60 U	1.5	3.1
Percent moisture	%	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1-Dichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1-Dichloroethene	µg/kg	270 UJ	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	16 J	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	540 UJ	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	270 UJ	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	270 UJ	-	-	-	-	-
1,2-Dichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,2-Dichloropropane	µg/kg	270 UJ	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	270 UJ	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	270 UJ	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1100 UJ	-	-	-	-	-
2-Hexanone	µg/kg	1100 UJ	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	1100 UJ	-	-	-	-	-
Acetone	µg/kg	1100 UJ	-	-	-	-	-
Benzene	µg/kg	270 UJ	-	-	-	-	-
Bromodichloromethane	µg/kg	270 UJ	-	-	-	-	-
Bromoform	µg/kg	270 UJ	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	270 UJ	-	-	-	-	-
Carbon disulfide	µg/kg	50 J	-	-	-	-	-
Carbon tetrachloride	µg/kg	270 UJ	-	-	-	-	-
Chlorobenzene	µg/kg	270 UJ	-	-	-	-	-
Chloroethane	µg/kg	270 UJ	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	270 UJ	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	270 UJ	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	270 UJ	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	270 UJ	-	-	-	-	-
Cyclohexane	µg/kg	540 UJ	-	-	-	-	-
Dibromochloromethane	µg/kg	270 UJ	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	270 UJ	-	-	-	-	-
Ethylbenzene	µg/kg	260 J	-	-	-	-	-
Isopropyl benzene	µg/kg	53 J	-	-	-	-	-
Methyl acetate	µg/kg	72 J	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Volatile Organic Compounds (Cont'd.)							
Methyl cyclohexane	µg/kg	230 J	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1100 UJ	-	-	-	-	-
Methylene chloride	µg/kg	270 UJ	-	-	-	-	-
Styrene	µg/kg	270 UJ	-	-	-	-	-
Tetrachloroethene	µg/kg	270 UJ	-	-	-	-	-
Toluene	µg/kg	120 J	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	270 UJ	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	270 UJ	-	-	-	-	-
Trichloroethene	µg/kg	25 J	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	270 UJ	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	270 UJ	-	-	-	-	-
Vinyl chloride	µg/kg	270 UJ	-	-	-	-	-
Xylenes (total)	µg/kg	2000 J	-	-	-	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	1200 U	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	1900 U	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	1900 U	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	1900 U	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	1900 U	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	4100 U	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	2500 U	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	2500 U	-	-	-	-	-
2-Chloronaphthalene	µg/kg	620 U	-	-	-	-	-
2-Chlorophenol	µg/kg	620 U	-	-	-	-	-
2-Methylnaphthalene	µg/kg	83 U	-	-	-	-	-
2-Methylphenol	µg/kg	2500 U	-	-	-	-	-
2-Nitroaniline	µg/kg	2500 U	-	-	-	-	-
2-Nitrophenol	µg/kg	620 U	-	-	-	-	-
3&4-Methylphenol	µg/kg	5000 U	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	1200 U	-	-	-	-	-
3-Nitroaniline	µg/kg	2500 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	1900 U	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	620 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Semi-volatile Organic Compounds (Cont'd.)							
4-Chloro-3-methylphenol	µg/kg	1900 U	-	-	-	-	-
4-Chloroaniline	µg/kg	1900 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	620 U	-	-	-	-	-
4-Nitroaniline	µg/kg	2500 U	-	-	-	-	-
4-Nitrophenol	µg/kg	4100 U	-	-	-	-	-
Acenaphthene	µg/kg	83 U	-	-	-	-	-
Acenaphthylene	µg/kg	83 U	-	-	-	-	-
Acetophenone	µg/kg	1200 U	-	-	-	-	-
Anthracene	µg/kg	83 U	-	-	-	-	-
Atrazine	µg/kg	2500 U	-	-	-	-	-
Benzaldehyde	µg/kg	1200 U	-	-	-	-	-
Benzo(a)anthracene	µg/kg	83 U	-	-	-	-	-
Benzo(a)pyrene	µg/kg	83 U	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	83 U	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	83 U	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	83 U	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	620 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	1200 U	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	1200 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	260 J	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	620 U	-	-	-	-	-
Caprolactam	µg/kg	4100 U	-	-	-	-	-
Carbazole	µg/kg	620 U	-	-	-	-	-
Chrysene	µg/kg	83 U	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	83 U	-	-	-	-	-
Dibenzofuran	µg/kg	620 U	-	-	-	-	-
Diethyl phthalate	µg/kg	620 U	-	-	-	-	-
Dimethyl phthalate	µg/kg	620 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	620 U	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	620 U	-	-	-	-	-
Fluoranthene	µg/kg	83 U	-	-	-	-	-
Fluorene	µg/kg	83 U	-	-	-	-	-
Hexachlorobenzene	µg/kg	83 U	-	-	-	-	-
Hexachlorobutadiene	µg/kg	620 U	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	4100 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Semi-volatile Organic Compounds (Cont'd.)							
Hexachloroethane	µg/kg	620 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	83 U	-	-	-	-	-
Isophorone	µg/kg	620 U	-	-	-	-	-
Naphthalene	µg/kg	83 U	-	-	-	-	-
Nitrobenzene	µg/kg	1200 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	620 U	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	620 U	-	-	-	-	-
Pentachlorophenol	µg/kg	1900 U	-	-	-	-	-
Phenanthrene	µg/kg	83 U	-	-	-	-	-
Phenol	µg/kg	620 U	-	-	-	-	-
Pyrene	µg/kg	83 U	-	-	-	-	-
Metals							
Aluminum	mg/kg	9900	7400	9600	11000	10000	24000
Antimony	mg/kg	1.2 UJ	1.1 UJ	0.56 J	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	mg/kg	4.9	15	5.9	6.9	13	1.2
Barium	mg/kg	93 J	94 J	96 J	120 J	100 J	290 J
Beryllium	mg/kg	0.45 J	0.44 J	0.39 J	0.53 J	0.40 J	8.4
Cadmium	mg/kg	0.11 J	0.22 U	0.16 J	0.23 U	0.12 J	0.22 U
Calcium	mg/kg	2500 J	1800 J	4000 J	2700 J	3600 J	260000 J
Chromium	mg/kg	15	13	140	17	27	3.4 U
Chromium VI (hexavalent)	mg/kg	0.99 U	0.88 U	1.0 U	1.0 U	0.97 U	0.90 U
Cobalt	mg/kg	6.3	9.3	17	5.5 J	13	0.78 J
Copper	mg/kg	66 J	35 J	6000 J	30 J	230 J	1.5 J
Iron	mg/kg	18000	28000	27000	23000	31000	3300
Lead	mg/kg	16	13	39	11	19	0.85
Magnesium	mg/kg	2300	2200	2700	2200	3800	36000
Manganese	mg/kg	160	820	280	210	500	2300
Mercury	mg/kg	0.046 J	0.036 J	0.077 J	0.036 J	0.015 J	0.11 U
Nickel	mg/kg	23	39	2100	19	100	0.75 J
Potassium	mg/kg	940	720	960	640	1200	970
Selenium	mg/kg	0.60 U	0.54 U	0.62 U	0.58 U	0.56 U	4.2
Silver	mg/kg	0.60 U	0.54 U	0.33 J	0.58 U	0.56 U	0.55 U
Sodium	mg/kg	120 J	540 U	300 J	580 U	560 U	880

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Metals (Cont'd.)							
Thallium	mg/kg	1.2 U	0.59 J	1.2 U	0.73 J	1.3	2.6
Vanadium	mg/kg	21	23	21	22	22	4.0 J
Zinc	mg/kg	110	85	3200	67	420	2.5
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	***Units***						
General Chemistry							
Cyanide (total)	mg/kg	0.25 J	0.54 U	2.3	0.17 J	0.59 U	0.69
Percent moisture	%	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1,2,2-Tetrachloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1,2-Trichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1-Dichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1-Dichloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2,4-Trichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	8.8 UJ	-	-	11 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dichloropropane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,3-Dichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,4-Dichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	18 UJ	-	-	22 U	-	-
2-Hexanone	µg/kg	18 UJ	-	-	22 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	0.51 J	-	-	22 U	-	-
Acetone	µg/kg	31 J	-	-	22 U	-	-
Benzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Bromodichloromethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Bromoform	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Bromomethane (Methyl bromide)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Carbon disulfide	µg/kg	3.6 J	-	-	1.0 J	-	-
Carbon tetrachloride	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Chlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Chloroethane	µg/kg	4.4 UJ	-	-	5.4 UJ	-	-
Chloroform (Trichloromethane)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Chloromethane (Methyl chloride)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
cis-1,2-Dichloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
cis-1,3-Dichloropropene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Cyclohexane	µg/kg	8.8 UJ	-	-	11 U	-	-
Dibromochloromethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Ethylbenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Isopropyl benzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Methyl acetate	µg/kg	8.8 UJ	-	-	12	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Volatile Organic Compounds (Cont'd.)							
Methyl cyclohexane	µg/kg	0.89 J	-	-	11 U	-	-
Methyl tert butyl ether (MTBE)	µg/kg	18 UJ	-	-	22 U	-	-
Methylene chloride	µg/kg	1.6 J	-	-	0.77 J	-	-
Styrene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Tetrachloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Toluene	µg/kg	0.28 J	-	-	5.4 U	-	-
trans-1,2-Dichloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
trans-1,3-Dichloropropene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Trichloroethene	µg/kg	0.40 J	-	-	5.4 U	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Vinyl chloride	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Xylenes (total)	µg/kg	8.8 UJ	-	-	11 U	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	1100 U	-	-	250 U	-	-
2,4,5-Trichlorophenol	µg/kg	1700 U	-	-	370 U	-	-
2,4,6-Trichlorophenol	µg/kg	1700 U	-	-	370 U	-	-
2,4-Dichlorophenol	µg/kg	1700 U	-	-	370 U	-	-
2,4-Dimethylphenol	µg/kg	1700 U	-	-	370 U	-	-
2,4-Dinitrophenol	µg/kg	3800 U	-	-	820 U	-	-
2,4-Dinitrotoluene	µg/kg	2300 U	-	-	500 U	-	-
2,6-Dinitrotoluene	µg/kg	2300 U	-	-	500 U	-	-
2-Chloronaphthalene	µg/kg	570 U	-	-	120 U	-	-
2-Chlorophenol	µg/kg	570 U	-	-	120 U	-	-
2-Methylnaphthalene	µg/kg	76 U	-	-	110	-	-
2-Methylphenol	µg/kg	2300 U	-	-	500 U	-	-
2-Nitroaniline	µg/kg	2300 U	-	-	500 U	-	-
2-Nitrophenol	µg/kg	570 U	-	-	120 U	-	-
3&4-Methylphenol	µg/kg	4600 U	-	-	990 U	-	-
3,3'-Dichlorobenzidine	µg/kg	1100 U	-	-	250 U	-	-
3-Nitroaniline	µg/kg	2300 U	-	-	500 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	1700 U	-	-	370 U	-	-
4-Bromophenyl phenyl ether	µg/kg	570 U	-	-	120 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	***Units***					
Semi-volatile Organic Compounds (Cont'd.)						
4-Chloro-3-methylphenol	µg/kg	1700 U	-	-	370 U	-	-
4-Chloroaniline	µg/kg	1700 U	-	-	370 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	570 U	-	-	120 U	-	-
4-Nitroaniline	µg/kg	2300 U	-	-	500 U	-	-
4-Nitrophenol	µg/kg	3800 U	-	-	820 U	-	-
Acenaphthene	µg/kg	76 U	-	-	290	-	-
Acenaphthylene	µg/kg	76 U	-	-	17 U	-	-
Acetophenone	µg/kg	1100 U	-	-	250 U	-	-
Anthracene	µg/kg	76 U	-	-	560	-	-
Atrazine	µg/kg	2300 U	-	-	500 U	-	-
Benzaldehyde	µg/kg	1100 U	-	-	250 U	-	-
Benzo(a)anthracene	µg/kg	76 U	-	-	690	-	-
Benzo(a)pyrene	µg/kg	76 U	-	-	600	-	-
Benzo(b)fluoranthene	µg/kg	76 U	-	-	810	-	-
Benzo(g,h,i)perylene	µg/kg	76 U	-	-	390	-	-
Benzo(k)fluoranthene	µg/kg	76 U	-	-	430	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	570 U	-	-	120 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	1100 U	-	-	250 U	-	-
bis(2-Chloroethyl)ether	µg/kg	1100 U	-	-	250 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	570 U	-	-	120 U	-	-
Butyl benzylphthalate (BBP)	µg/kg	570 U	-	-	120 U	-	-
Caprolactam	µg/kg	3800 U	-	-	820 U	-	-
Carbazole	µg/kg	570 U	-	-	260	-	-
Chrysene	µg/kg	76 U	-	-	630	-	-
Dibenz(a,h)anthracene	µg/kg	76 U	-	-	17 U	-	-
Dibenzofuran	µg/kg	570 U	-	-	260	-	-
Diethyl phthalate	µg/kg	570 U	-	-	120 U	-	-
Dimethyl phthalate	µg/kg	570 U	-	-	120 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	570 U	-	-	120 U	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	570 U	-	-	120 U	-	-
Fluoranthene	µg/kg	49 J	-	-	2000	-	-
Fluorene	µg/kg	76 U	-	-	350	-	-
Hexachlorobenzene	µg/kg	76 U	-	-	17 U	-	-
Hexachlorobutadiene	µg/kg	570 U	-	-	120 U	-	-
Hexachlorocyclopentadiene	µg/kg	3800 U	-	-	820 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Semi-volatile Organic Compounds (Cont'd.)							
Hexachloroethane	µg/kg	570 U	-	-	120 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	76 U	-	-	310	-	-
Isophorone	µg/kg	570 U	-	-	120 U	-	-
Naphthalene	µg/kg	76 U	-	-	72	-	-
Nitrobenzene	µg/kg	1100 U	-	-	250 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	570 U	-	-	120 U	-	-
N-Nitrosodiphenylamine	µg/kg	570 U	-	-	120 U	-	-
Pentachlorophenol	µg/kg	1700 U	-	-	370 U	-	-
Phenanthrene	µg/kg	76 U	-	-	2300	-	-
Phenol	µg/kg	570 U	-	-	120 U	-	-
Pyrene	µg/kg	45 J	-	-	1500	-	-
Metals							
Aluminum	mg/kg	21000	7300	9200	10000	11000	-
Antimony	mg/kg	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	-
Arsenic	mg/kg	2.2	13	26	7.7	7.8	-
Barium	mg/kg	230 J	52 J	36 J	110 J	96 J	-
Beryllium	mg/kg	6.9	0.34 J	0.35 J	0.71	0.37 J	-
Cadmium	mg/kg	0.22 U	0.24 U	0.24 U	0.62	0.24 U	-
Calcium	mg/kg	200000 J	1200 J	2500 J	18000 J	2500 J	-
Chromium	mg/kg	22	10	16	33	18	-
Chromium VI (hexavalent)	mg/kg	0.85 J	1.8	0.97 U	0.57 J	0.98 U	-
Cobalt	mg/kg	1.8 J	7.8	9.7	7.1	9.1	-
Copper	mg/kg	35 J	7.9 J	26 J	120 J	26 J	-
Iron	mg/kg	4400	23000	30000	17000	28000	-
Lead	mg/kg	6.8	11	11	20	8.9	-
Magnesium	mg/kg	31000	1300	3700	4500	3500	-
Manganese	mg/kg	2000	400	300	390	410	-
Mercury	mg/kg	0.081 U	0.12 U	0.12 U	0.099 J	0.10 U	-
Nickel	mg/kg	53	7.8	29	36	35	-
Potassium	mg/kg	960	490 J	1500	880	1100	-
Selenium	mg/kg	2.7	0.61 U	0.59 U	0.61 U	0.60 U	-
Silver	mg/kg	0.55 U	0.61 U	0.59 U	0.14 J	0.60 U	-
Sodium	mg/kg	760	610 U	590 U	160 J	600 U	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Metals (Cont'd.)							
Thallium	mg/kg	1.9	1.2 U	1.2 U	1.2	1.0 J	-
Vanadium	mg/kg	6.8	19	18	20	21	-
Zinc	mg/kg	76	34	84	730	72	-
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	45
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	75
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	24
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	11
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	5.0 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	4.5 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	6.0 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	1.4 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	0.49 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	6.0 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	0.37 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	6.0 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	6.0 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	1.1 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	0.99 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	1.0 J
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	0.39 J
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	45
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	21
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	20
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	4.9
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	9.5
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	1.3
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	3.8
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	1.9

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	***Units***						
General Chemistry							
Cyanide (total)	mg/kg	1.1 J	0.59 U	0.59 U	R	0.58 U	-
Percent moisture	%	-	-	-	-	-	20.9

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1,2,2-Tetrachloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1,2-Trichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1-Dichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1-Dichloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2,4-Trichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	10 U	14 U	-	14 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dichloropropane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,3-Dichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,4-Dichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	20 U	29 U	-	28 U	-	-
2-Hexanone	µg/kg	20 U	29 U	-	28 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	20 U	29 U	-	28 U	-	-
Acetone	µg/kg	20 U	29 U	-	28 U	-	-
Benzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Bromodichloromethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Bromoform	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Bromomethane (Methyl bromide)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Carbon disulfide	µg/kg	0.97 J	1.3 J	-	7.1 U	-	-
Carbon tetrachloride	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Chlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Chloroethane	µg/kg	5.0 UJ	7.1 UJ	-	7.1 UJ	-	-
Chloroform (Trichloromethane)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Chloromethane (Methyl chloride)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
cis-1,2-Dichloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
cis-1,3-Dichloropropene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Cyclohexane	µg/kg	10 U	14 U	-	14 U	-	-
Dibromochloromethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Ethylbenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Isopropyl benzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Methyl acetate	µg/kg	4.9 J	18	-	7.3 J	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Methyl cyclohexane	µg/kg	10 U	14 U	-	14 U	-	-
Methyl tert butyl ether (MTBE)	µg/kg	20 U	29 U	-	28 U	-	-
Methylene chloride	µg/kg	1.7 J	2.5 J	-	2.8 J	-	-
Styrene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Tetrachloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Toluene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
trans-1,2-Dichloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
trans-1,3-Dichloropropene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Trichloroethene	µg/kg	5.0 U	7.1 U	-	0.92 J	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Vinyl chloride	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Xylenes (total)	µg/kg	10 U	14 U	-	14 U	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	120 U	130 U	-	120 U	-	-
2,4,5-Trichlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4,6-Trichlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4-Dichlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4-Dimethylphenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4-Dinitrophenol	µg/kg	400 U	440 U	-	410 U	-	-
2,4-Dinitrotoluene	µg/kg	240 U	260 U	-	250 U	-	-
2,6-Dinitrotoluene	µg/kg	240 U	260 U	-	250 U	-	-
2-Chloronaphthalene	µg/kg	61 U	66 U	-	62 U	-	-
2-Chlorophenol	µg/kg	61 U	66 U	-	62 U	-	-
2-Methylnaphthalene	µg/kg	43	24	-	97	-	-
2-Methylphenol	µg/kg	240 U	260 U	-	250 U	-	-
2-Nitroaniline	µg/kg	240 U	260 U	-	250 U	-	-
2-Nitrophenol	µg/kg	61 U	66 U	-	62 U	-	-
3&4-Methylphenol	µg/kg	490 U	530 U	-	500 U	-	-
3,3'-Dichlorobenzidine	µg/kg	120 U	130 U	-	120 U	-	-
3-Nitroaniline	µg/kg	240 U	260 U	-	250 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	180 U	200 U	-	190 U	-	-
4-Bromophenyl phenyl ether	µg/kg	61 U	66 U	-	62 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	*Units*					
Semi-volatile Organic Compounds (Cont'd.)						
4-Chloro-3-methylphenol	µg/kg	180 U	200 U	-	190 U	-	-
4-Chloroaniline	µg/kg	180 U	200 U	-	190 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	61 U	66 U	-	62 U	-	-
4-Nitroaniline	µg/kg	240 U	260 U	-	250 U	-	-
4-Nitrophenol	µg/kg	400 U	440 U	-	410 U	-	-
Acenaphthene	µg/kg	20	8.8 U	-	8.3 U	-	-
Acenaphthylene	µg/kg	8.2 U	8.8 U	-	8.3 U	-	-
Acetophenone	µg/kg	120 U	130 U	-	120 U	-	-
Anthracene	µg/kg	28	8.8 U	-	8.3 U	-	-
Atrazine	µg/kg	240 U	260 U	-	250 U	-	-
Benzaldehyde	µg/kg	120 U	130 U	-	120 U	-	-
Benzo(a)anthracene	µg/kg	42	16	-	10	-	-
Benzo(a)pyrene	µg/kg	35	16	-	8.3 U	-	-
Benzo(b)fluoranthene	µg/kg	54	8.8 U	-	11	-	-
Benzo(g,h,i)perylene	µg/kg	28	16	-	8.3 U	-	-
Benzo(k)fluoranthene	µg/kg	33	8.8 U	-	8.3 U	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	61 U	66 U	-	62 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	120 U	130 U	-	120 U	-	-
bis(2-Chloroethyl)ether	µg/kg	120 U	130 U	-	120 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	95	390	-	250	-	-
Butyl benzylphthalate (BBP)	µg/kg	61 U	66 U	-	62 U	-	-
Caprolactam	µg/kg	400 U	440 U	-	410 U	-	-
Carbazole	µg/kg	61 U	66 U	-	62 U	-	-
Chrysene	µg/kg	48	25	-	14	-	-
Dibenz(a,h)anthracene	µg/kg	8.2 U	8.8 U	-	8.3 U	-	-
Dibenzofuran	µg/kg	16 J	6.2 J	-	19 J	-	-
Diethyl phthalate	µg/kg	61 U	66 U	-	62 U	-	-
Dimethyl phthalate	µg/kg	61 U	66 U	-	62 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	31 J	66 U	-	26 J	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	61 U	66 U	-	62 U	-	-
Fluoranthene	µg/kg	110	29	-	17	-	-
Fluorene	µg/kg	15	8.8 U	-	8.3 U	-	-
Hexachlorobenzene	µg/kg	8.2 U	8.8 U	-	8.3 U	-	-
Hexachlorobutadiene	µg/kg	61 U	66 U	-	62 U	-	-
Hexachlorocyclopentadiene	µg/kg	400 U	440 U	-	410 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO (Duplicate)*
Parameters	***Units***					
Semi-volatile Organic Compounds (Cont'd.)						
Hexachloroethane	µg/kg	61 U	66 U	-	62 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	23	11	-	8.3 U	-	-
Isophorone	µg/kg	61 U	66 U	-	62 U	-	-
Naphthalene	µg/kg	31	11	-	64	-	-
Nitrobenzene	µg/kg	120 U	130 U	-	120 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	61 U	66 U	-	62 U	-	-
N-Nitrosodiphenylamine	µg/kg	61 U	66 U	-	62 U	-	-
Pentachlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
Phenanthrene	µg/kg	100	25	-	32	-	-
Phenol	µg/kg	61 U	66 U	-	62 U	-	-
Pyrene	µg/kg	86	26	-	15	-	-
Metals							
Aluminum	mg/kg	9500	12000	11000	9900	14000	15000
Antimony	mg/kg	1.1 UJ	18 J	1.1 UJ	36 J	1.2 UJ	1.1 UJ
Arsenic	mg/kg	5.5	8.4	8.6	5.3 J	3.4	8.1
Barium	mg/kg	90 J	120 J	130	80	120	130
Beryllium	mg/kg	0.49 J	0.64	1.6	0.51 J	0.60	0.62
Cadmium	mg/kg	0.22 U	0.45	0.71	0.36	0.24 U	0.23 U
Calcium	mg/kg	5900 J	43000 J	2300	84000	4000	3200
Chromium	mg/kg	27	4500	19	9500	21	23
Chromium VI (hexavalent)	mg/kg	0.98 U	6.3	0.95 U	10	0.57 J	0.99 U
Cobalt	mg/kg	5.1 J	7.7	9.8 J	4.2 J	7.8 J	7.1 J
Copper	mg/kg	60 J	1200 J	22	1700	17	17
Iron	mg/kg	16000	24000	22000	8200	21000	26000
Lead	mg/kg	17	29	14	33	11	9.6
Magnesium	mg/kg	2300	4600	3200	2700	4800	4400
Manganese	mg/kg	190	1100	440	300	150	120
Mercury	mg/kg	0.023 J	0.084 J	0.060 J	0.13	0.031 J	0.028 J
Nickel	mg/kg	29	2900	47 J	3200 J	30 J	29 J
Potassium	mg/kg	690	830	700	340 J	1100	1300
Selenium	mg/kg	0.54 U	0.58 U	0.56 U	0.97	0.60 U	0.57 U
Silver	mg/kg	0.54 U	0.13 J	0.56 U	0.18 J	0.60 U	0.30 J
Sodium	mg/kg	540 U	160 J	560 U	280 J	150 J	170 J

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
	Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
							(Duplicate)
Parameters	*Units*						
Metals (Cont'd.)							
Thallium	mg/kg	1.1 U	1.3	1.1	6.1 U	1.2 U	0.78 J
Vanadium	mg/kg	20	33	22	14	19	28
Zinc	mg/kg	130	720	69	1100	73	78
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
	Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO* *(Duplicate)*
Parameters	***Units***						
General Chemistry							
Cyanide (total)	mg/kg	R	R	0.61 U	1.4 J	R	R
Percent moisture	%	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	-	-	-	16 U	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	16 U	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	16 U	-	-
1,1-Dichloroethane	µg/kg	-	-	-	16 U	-	-
1,1-Dichloroethene	µg/kg	-	-	-	16 U	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	16 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	32 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	16 U	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	16 U	-	-
1,2-Dichloroethane	µg/kg	-	-	-	16 U	-	-
1,2-Dichloropropane	µg/kg	-	-	-	16 U	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	16 U	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	16 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	27 J	-	-
2-Hexanone	µg/kg	-	-	-	65 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	65 U	-	-
Acetone	µg/kg	-	-	-	83 U	-	-
Benzene	µg/kg	-	-	-	16 U	-	-
Bromodichloromethane	µg/kg	-	-	-	16 U	-	-
Bromoform	µg/kg	-	-	-	16 U	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	16 U	-	-
Carbon disulfide	µg/kg	-	-	-	11 J	-	-
Carbon tetrachloride	µg/kg	-	-	-	16 U	-	-
Chlorobenzene	µg/kg	-	-	-	16 U	-	-
Chloroethane	µg/kg	-	-	-	16 U	-	-
Chloroform (Trichloromethane)	µg/kg	-	-	-	16 U	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	16 U	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	16 U	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	16 U	-	-
Cyclohexane	µg/kg	-	-	-	32 U	-	-
Dibromochloromethane	µg/kg	-	-	-	16 U	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	16 U	-	-
Ethylbenzene	µg/kg	-	-	-	2.4 J	-	-
Isopropyl benzene	µg/kg	-	-	-	16 U	-	-
Methyl acetate	µg/kg	-	-	-	32 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Volatile Organic Compounds (Cont'd.)							
Methyl cyclohexane	µg/kg	-	-	-	3.4 J	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	65 U	-	-
Methylene chloride	µg/kg	-	-	-	19	-	-
Styrene	µg/kg	-	-	-	16 U	-	-
Tetrachloroethene	µg/kg	-	-	-	1.7 J	-	-
Toluene	µg/kg	-	-	-	3.1 J	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	16 U	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	16 U	-	-
Trichloroethene	µg/kg	-	-	-	4.8 J	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	16 U	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	16 U	-	-
Vinyl chloride	µg/kg	-	-	-	16 U	-	-
Xylenes (total)	µg/kg	-	-	-	2.2 J	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	2200 U	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	3300 U	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	3300 U	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	3300 U	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	3300 U	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	7300 U	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	4400 U	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	4400 U	-	-
2-Chloronaphthalene	µg/kg	-	-	-	1100 U	-	-
2-Chlorophenol	µg/kg	-	-	-	1100 U	-	-
2-Methylnaphthalene	µg/kg	-	-	-	150 U	-	-
2-Methylphenol	µg/kg	-	-	-	4400 U	-	-
2-Nitroaniline	µg/kg	-	-	-	4400 U	-	-
2-Nitrophenol	µg/kg	-	-	-	1100 U	-	-
3&4-Methylphenol	µg/kg	-	-	-	8800 U	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	2200 U	-	-
3-Nitroaniline	µg/kg	-	-	-	4400 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	3300 U	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	1100 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Semi-volatile Organic Compounds (Cont'd.)							
4-Chloro-3-methylphenol	µg/kg	-	-	-	3300 U	-	-
4-Chloroaniline	µg/kg	-	-	-	3300 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	1100 U	-	-
4-Nitroaniline	µg/kg	-	-	-	4400 U	-	-
4-Nitrophenol	µg/kg	-	-	-	7300 U	-	-
Acenaphthene	µg/kg	-	-	-	150 U	-	-
Acenaphthylene	µg/kg	-	-	-	150 U	-	-
Acetophenone	µg/kg	-	-	-	2200 U	-	-
Anthracene	µg/kg	-	-	-	150 U	-	-
Atrazine	µg/kg	-	-	-	4400 U	-	-
Benzaldehyde	µg/kg	-	-	-	2200 U	-	-
Benzo(a)anthracene	µg/kg	-	-	-	150 U	-	-
Benzo(a)pyrene	µg/kg	-	-	-	150 U	-	-
Benzo(b)fluoranthene	µg/kg	-	-	-	150 U	-	-
Benzo(g,h,i)perylene	µg/kg	-	-	-	150 U	-	-
Benzo(k)fluoranthene	µg/kg	-	-	-	150 U	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	1100 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	2200 U	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	2200 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	6300	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	1100 U	-	-
Caprolactam	µg/kg	-	-	-	7300 U	-	-
Carbazole	µg/kg	-	-	-	1100 U	-	-
Chrysene	µg/kg	-	-	-	150 U	-	-
Dibenz(a,h)anthracene	µg/kg	-	-	-	150 U	-	-
Dibenzofuran	µg/kg	-	-	-	1100 U	-	-
Diethyl phthalate	µg/kg	-	-	-	1100 U	-	-
Dimethyl phthalate	µg/kg	-	-	-	1100 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	1100 U	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	1100 U	-	-
Fluoranthene	µg/kg	-	-	-	150 U	-	-
Fluorene	µg/kg	-	-	-	150 U	-	-
Hexachlorobenzene	µg/kg	-	-	-	150 U	-	-
Hexachlorobutadiene	µg/kg	-	-	-	1100 U	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	7300 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	***Units***						
Semi-volatile Organic Compounds (Cont'd.)							
Hexachloroethane	µg/kg	-	-	-	1100 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-	150 U	-	-
Isophorone	µg/kg	-	-	-	1100 U	-	-
Naphthalene	µg/kg	-	-	-	150 U	-	-
Nitrobenzene	µg/kg	-	-	-	2200 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	1100 U	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	1100 U	-	-
Pentachlorophenol	µg/kg	-	-	-	3300 U	-	-
Phenanthrene	µg/kg	-	-	-	150 U	-	-
Phenol	µg/kg	-	-	-	1100 U	-	-
Pyrene	µg/kg	-	-	-	150 U	-	-
Metals							
Aluminum	mg/kg	11000	9900	13000	4900	11000	10000
Antimony	mg/kg	1.2 UJ	0.46 J	16 J	26	0.99 UJ	0.58 J
Arsenic	mg/kg	17	7.9	12	15	9.6	11
Barium	mg/kg	220	85	110	270	70	62
Beryllium	mg/kg	0.51 J	0.42 J	0.70 J	2.0 J	0.37 J	0.38 J
Cadmium	mg/kg	0.63	0.12 J	0.31 U	2.1 U	0.20 U	0.22 U
Calcium	mg/kg	2600	8400	49000	89000	46000	44000
Chromium	mg/kg	20	60	3900	37000	20	22
Chromium VI (hexavalent)	mg/kg	0.68 J	0.98 U	9.3	8.0	0.73 J	0.93 U
Cobalt	mg/kg	27 J	8.4 J	22 J	49 J	12 J	19 J
Copper	mg/kg	29	50	1300	10000	24	25
Iron	mg/kg	36000	24000	29000	9300	25000	26000
Lead	mg/kg	15	16	59	660	9.8	12
Magnesium	mg/kg	3800	4100	8000	5000 J	8500	8800
Manganese	mg/kg	3400	1400	390	150	350	770
Mercury	mg/kg	0.021 J	0.037 J	0.26	0.79	0.11 U	0.11 U
Nickel	mg/kg	69 J	44 J	2400 J	18000	32 J	48 J
Potassium	mg/kg	1400	890	1700	320 J	1600	1900
Selenium	mg/kg	0.58 U	0.56 U	0.78 U	5.4 U	0.50 U	0.56 U
Silver	mg/kg	0.58 U	0.56 U	0.78 U	1.3 J	0.50 U	0.56 U
Sodium	mg/kg	150 J	96 J	210 J	5400 U	89 J	74 J

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	*Units*						
Metals (Cont'd.)							
Thallium	mg/kg	2.8	1.8	1.6 U	11 U	0.63 J	1.7
Vanadium	mg/kg	27	28	29	30 J	20	20
Zinc	mg/kg	71	220	860	5800	67	68
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code:	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters	***Units***						
General Chemistry							
Cyanide (total)	mg/kg	R	R	1.6 J	18 J	R	R
Percent moisture	%	-	-	-	-	-	-

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ (other)*	*WQ (other)*
Parameters	*Units*		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	-	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U
1,1,2-Trichloroethane	µg/L	-	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U
1,1-Dichloroethene	µg/L	-	1.0 U
1,2,4-Trichlorobenzene	µg/L	-	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	-	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	-	1.0 U
1,2-Dichlorobenzene	µg/L	-	1.0 U
1,2-Dichloroethane	µg/L	-	1.0 U
1,2-Dichloropropane	µg/L	-	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U
1,4-Dichlorobenzene	µg/L	-	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	1.6 J
2-Hexanone	µg/L	-	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U
Acetone	µg/L	-	22
Benzene	µg/L	-	1.0 U
Bromodichloromethane	µg/L	-	1.0 U
Bromoform	µg/L	-	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U
Carbon disulfide	µg/L	-	1.0 U
Carbon tetrachloride	µg/L	-	1.0 U
Chlorobenzene	µg/L	-	1.0 U
Chloroethane	µg/L	-	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U
cis-1,2-Dichloroethene	µg/L	-	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U
Cyclohexane	µg/L	-	1.0 U
Dibromochloromethane	µg/L	-	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U
Ethylbenzene	µg/L	-	1.0 U
Isopropyl benzene	µg/L	-	1.0 U
Methyl acetate	µg/L	-	10 U
Methyl cyclohexane	µg/L	-	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U
Methylene chloride	µg/L	-	1.0 U
Styrene	µg/L	-	1.0 U
Tetrachloroethene	µg/L	-	1.0 U
Toluene	µg/L	-	0.41 J
trans-1,2-Dichloroethene	µg/L	-	1.0 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ*	*WQ*
		(other)	*(other)*
Parameters	*Units*		
Volatile Organic Compounds (Cont'd.)			
trans-1,3-Dichloropropene	µg/L	-	1.0 U
Trichloroethene	µg/L	-	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U
Vinyl chloride	µg/L	-	1.0 U
Xylenes (total)	µg/L	-	2.0 U
Semi-volatile Organic Compounds			
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	0.96 U
2,4,5-Trichlorophenol	µg/L	-	4.8 U
2,4,6-Trichlorophenol	µg/L	-	4.8 U
2,4-Dichlorophenol	µg/L	-	1.9 U
2,4-Dimethylphenol	µg/L	-	1.9 U
2,4-Dinitrophenol	µg/L	-	4.8 U
2,4-Dinitrotoluene	µg/L	-	4.8 U
2,6-Dinitrotoluene	µg/L	-	4.8 U
2-Chloronaphthalene	µg/L	-	0.96 U
2-Chlorophenol	µg/L	-	0.96 U
2-Methylnaphthalene	µg/L	-	0.19 U
2-Methylphenol	µg/L	-	0.96 U
2-Nitroaniline	µg/L	-	1.9 U
2-Nitrophenol	µg/L	-	1.9 U
3&4-Methylphenol	µg/L	-	1.9 U
3,3'-Dichlorobenzidine	µg/L	-	4.8 U
3-Nitroaniline	µg/L	-	1.9 U
4,6-Dinitro-2-methylphenol	µg/L	-	4.8 U
4-Bromophenyl phenyl ether	µg/L	-	1.9 U
4-Chloro-3-methylphenol	µg/L	-	1.9 U
4-Chloroaniline	µg/L	-	1.9 U
4-Chlorophenyl phenyl ether	µg/L	-	1.9 U
4-Nitroaniline	µg/L	-	1.9 U
4-Nitrophenol	µg/L	-	4.8 U
Acenaphthene	µg/L	-	0.19 U
Acenaphthylene	µg/L	-	0.19 U
Acetophenone	µg/L	-	0.56 J
Anthracene	µg/L	-	0.19 U
Atrazine	µg/L	-	0.96 U
Benzaldehyde	µg/L	-	0.96 U
Benzo(a)anthracene	µg/L	-	0.19 U
Benzo(a)pyrene	µg/L	-	0.19 U
Benzo(b)fluoranthene	µg/L	-	0.19 U
Benzo(g,h,i)perylene	µg/L	-	0.19 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameters	Units	Sample Location: Equipment Blank Sample ID: RB-080811-01 Sample Date: 8/8/2011 Sample Depth: - matrix_code WQ (other)	Sample Location: Equipment Blank Sample ID: RB-080911-01 Sample Date: 8/9/2011 Sample Depth: - matrix_code WQ (other)
Semi-volatile Organic Compounds (Cont'd.)			
Benzo(k)fluoranthene	µg/L	-	0.19 U
Biphenyl (1,1-Biphenyl)	µg/L	-	0.96 U
bis(2-Chloroethoxy)methane	µg/L	-	0.96 U
bis(2-Chloroethyl)ether	µg/L	-	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	-	1.9 U
Butyl benzylphthalate (BBP)	µg/L	-	0.96 U
Caprolactam	µg/L	-	4.8 U
Carbazole	µg/L	-	0.96 U
Chrysene	µg/L	-	0.19 U
Dibenz(a,h)anthracene	µg/L	-	0.19 U
Dibenzofuran	µg/L	-	0.96 U
Diethyl phthalate	µg/L	-	0.96 U
Dimethyl phthalate	µg/L	-	0.96 U
Di-n-butylphthalate (DBP)	µg/L	-	0.96 U
Di-n-octyl phthalate (DnOP)	µg/L	-	0.96 U
Fluoranthene	µg/L	-	0.19 U
Fluorene	µg/L	-	0.19 U
Hexachlorobenzene	µg/L	-	0.19 U
Hexachlorobutadiene	µg/L	-	0.96 U
Hexachlorocyclopentadiene	µg/L	-	9.6 U
Hexachloroethane	µg/L	-	0.96 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.19 U
Isophorone	µg/L	-	0.96 U
Naphthalene	µg/L	-	0.19 U
Nitrobenzene	µg/L	-	0.96 U
N-Nitrosodi-n-propylamine	µg/L	-	0.96 U
N-Nitrosodiphenylamine	µg/L	-	0.96 U
Pentachlorophenol	µg/L	-	4.8 U
Phenanthrene	µg/L	-	0.19 U
Phenol	µg/L	-	0.96 U
Pyrene	µg/L	-	0.19 U
Metals			
Aluminum	µg/L	200 U	200 U
Antimony	µg/L	2.2 J	10 U
Arsenic	µg/L	10 U	10 U
Barium	µg/L	13 J	5.7 J
Beryllium	µg/L	5.0 U	5.0 U
Cadmium	µg/L	2.0 U	2.0 U
Calcium	µg/L	38000	17000
Chromium	µg/L	5.0 U	5.0 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameters	Units	*Sample Location:*	*Equipment Blank*	*Equipment Blank*
		Sample ID:	*RB-080811-01*	*RB-080911-01*
		Sample Date:	*8/8/2011*	*8/9/2011*
		Sample Depth:	*-*	*-*
		matrix_code	*WQ*	*WQ*
			(other)	*(other)*
Metals (Cont'd.)				
Chromium VI (hexavalent)	mg/L		0.020 U	0.020 U
Cobalt	µg/L		7.0 U	7.0 U
Copper	µg/L		25 U	25 U
Iron	µg/L		100 U	100 U
Lead	µg/L		3.0 U	3.0 U
Magnesium	µg/L		17000	7800
Manganese	µg/L		1.2 J	0.79 J
Mercury	µg/L		0.20 U	0.20 U
Nickel	µg/L		40 U	40 U
Potassium	µg/L		2600 J	1200 J
Selenium	µg/L		5.0 U	5.0 U
Silver	µg/L		5.0 U	5.0 U
Sodium	µg/L		42000	20000
Thallium	µg/L		10 U	10 U
Vanadium	µg/L		7.0 U	7.0 U
Zinc	µg/L		50 U	50 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
- - Not analyzed.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Ethylbenzene	S-12616-080811-DN-01	> 48 Hours	48 Hours	5.5 UJ	µg/Kg
	Styrene				5.5 UJ	µg/Kg
	cis-1,3-Dichloropropene				5.5 UJ	µg/Kg
	trans-1,3-Dichloropropene				5.5 UJ	µg/Kg
	1,4-Dichlorobenzene				5.5 UJ	µg/Kg
	1,2-Dibromoethane (Ethylene dibromide)				5.5 UJ	µg/Kg
	1,2-Dichloroethane				5.5 UJ	µg/Kg
	4-Methyl-2-pentanone				0.64 J	µg/Kg
	Methyl cyclohexane				11 UJ	µg/Kg
	Toluene				5.5 UJ	µg/Kg
	Chlorobenzene				5.5 UJ	µg/Kg
	Cyclohexane				11 UJ	µg/Kg
	1,2,4-Trichlorobenzene				5.5 UJ	µg/Kg
	Dibromochloromethane				5.5 UJ	µg/Kg
	Tetrachloroethene				5.5 UJ	µg/Kg
	Xylenes (total)				11 UJ	µg/Kg
	cis-1,2-Dichloroethene				5.5 UJ	µg/Kg
	trans-1,2-Dichloroethene				5.5 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				22 UJ	µg/Kg
	1,3-Dichlorobenzene				5.5 UJ	µg/Kg
	Carbon tetrachloride				5.5 UJ	µg/Kg
	2-Hexanone				22 UJ	µg/Kg
	Acetone				22 J	µg/Kg
	Chloroform (Trichloromethane)				5.5 UJ	µg/Kg
	Benzene				5.5 UJ	µg/Kg
	1,1,1-Trichloroethane				5.5 UJ	µg/Kg
	Bromomethane (Methyl bromide)				5.5 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Chloromethane (Methyl chloride)	S-12616-080811-DN-01	> 48 Hours	48 Hours	5.5 UJ	µg/Kg
	Chloroethane				5.5 UJ	µg/Kg
	Vinyl chloride				5.5 UJ	µg/Kg
	Methylene chloride				2.5 J	µg/Kg
	Carbon disulfide				2.7 J	µg/Kg
	Bromoform				5.5 UJ	µg/Kg
	Bromodichloromethane				5.5 UJ	µg/Kg
	1,1-Dichloroethane				5.5 UJ	µg/Kg
	1,1-Dichloroethene				5.5 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				5.5 UJ	µg/Kg
	Dichlorodifluoromethane (CFC-12)				5.5 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				5.5 UJ	µg/Kg
	1,2-Dichloropropane				5.5 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				22 UJ	µg/Kg
	1,1,2-Trichloroethane				5.5 UJ	µg/Kg
	Trichloroethene				5.5 UJ	µg/Kg
	Methyl acetate				11 UJ	µg/Kg
	1,1,2,2-Tetrachloroethane				5.5 UJ	µg/Kg
	1,2-Dichlorobenzene				5.5 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				11 UJ	µg/Kg
	Isopropyl benzene				5.5 UJ	µg/Kg
VOCs	Ethylbenzene	S-12616-080811-DN-05	> 48 Hours	48 Hours	260 J	µg/Kg
	Styrene				270 UJ	µg/Kg
	cis-1,3-Dichloropropene				270 UJ	µg/Kg
	trans-1,3-Dichloropropene				270 UJ	µg/Kg
	1,4-Dichlorobenzene				270 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	1,2-Dibromoethane (Ethylene dibromide)	S-12616-080811-DN-05	> 48 Hours	48 Hours	270 UJ	µg/Kg
	1,2-Dichloroethane				270 UJ	µg/Kg
	4-Methyl-2-pentanone				1100 UJ	µg/Kg
	Methyl cyclohexane				230 J	µg/Kg
	Toluene				120 J	µg/Kg
	Chlorobenzene				270 UJ	µg/Kg
	Cyclohexane				540 UJ	µg/Kg
	1,2,4-Trichlorobenzene				16 J	µg/Kg
	Dibromochloromethane				270 UJ	µg/Kg
	Tetrachloroethene				270 UJ	µg/Kg
	Xylenes (total)				2000 J	µg/Kg
	cis-1,2-Dichloroethene				270 UJ	µg/Kg
	trans-1,2-Dichloroethene				270 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				1100 UJ	µg/Kg
	1,3-Dichlorobenzene				270 UJ	µg/Kg
	Carbon tetrachloride				270 UJ	µg/Kg
	2-Hexanone				1100 UJ	µg/Kg
	Acetone				1100 UJ	µg/Kg
	Chloroform (Trichloromethane)				270 UJ	µg/Kg
	Benzene				270 UJ	µg/Kg
	1,1,1-Trichloroethane				270 UJ	µg/Kg
	Bromomethane (Methyl bromide)				270 UJ	µg/Kg
	Chloromethane (Methyl chloride)				270 UJ	µg/Kg
	Chloroethane				270 UJ	µg/Kg
	Vinyl chloride				270 UJ	µg/Kg
	Methylene chloride				270 UJ	µg/Kg
	Carbon disulfide				50 J	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Bromoform	S-12616-080811-DN-05	> 48 Hours	48 Hours	270 UJ	µg/Kg
	Bromodichloromethane				270 UJ	µg/Kg
	1,1-Dichloroethane				270 UJ	µg/Kg
	1,1-Dichloroethene				270 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				270 UJ	µg/Kg
	Dichlorodifluoromethane (CFC-12)				270 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				270 UJ	µg/Kg
	1,2-Dichloropropane				270 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				1100 UJ	µg/Kg
	1,1,2-Trichloroethane				270 UJ	µg/Kg
	Trichloroethene				25 J	µg/Kg
	Methyl acetate				72 J	µg/Kg
	1,1,2,2-Tetrachloroethane				270 UJ	µg/Kg
	1,2-Dichlorobenzene				270 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				540 UJ	µg/Kg
	Isopropyl benzene				53 J	µg/Kg
VOCs	Ethylbenzene	S-12616-080811-DN-13	> 48 Hours	48 Hours	4.4 UJ	µg/Kg
	Styrene				4.4 UJ	µg/Kg
	cis-1,3-Dichloropropene				4.4 UJ	µg/Kg
	trans-1,3-Dichloropropene				4.4 UJ	µg/Kg
	1,4-Dichlorobenzene				4.4 UJ	µg/Kg
	1,2-Dibromoethane (Ethylene dibromide)				4.4 UJ	µg/Kg
	1,2-Dichloroethane				4.4 UJ	µg/Kg
	4-Methyl-2-pentanone				0.51 J	µg/Kg
	Methyl cyclohexane				0.89 J	µg/Kg
	Toluene				0.28 J	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Chlorobenzene	S-12616-080811-DN-13	> 48 Hours	48 Hours	4.4 UJ	µg/Kg
	Cyclohexane				8.8 UJ	µg/Kg
	1,2,4-Trichlorobenzene				4.4 UJ	µg/Kg
	Dibromochloromethane				4.4 UJ	µg/Kg
	Tetrachloroethene				4.4 UJ	µg/Kg
	Xylenes (total)				8.8 UJ	µg/Kg
	cis-1,2-Dichloroethene				4.4 UJ	µg/Kg
	trans-1,2-Dichloroethene				4.4 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				18 UJ	µg/Kg
	1,3-Dichlorobenzene				4.4 UJ	µg/Kg
	Carbon tetrachloride				4.4 UJ	µg/Kg
	2-Hexanone				18 UJ	µg/Kg
	Acetone				31 J	µg/Kg
	Chloroform (Trichloromethane)				4.4 UJ	µg/Kg
	Benzene				4.4 UJ	µg/Kg
	1,1,1-Trichloroethane				4.4 UJ	µg/Kg
	Bromomethane (Methyl bromide)				4.4 UJ	µg/Kg
	Chloromethane (Methyl chloride)				4.4 UJ	µg/Kg
	Chloroethane				4.4 UJ	µg/Kg
	Vinyl chloride				4.4 UJ	µg/Kg
	Methylene chloride				1.6 J	µg/Kg
	Carbon disulfide				3.6 J	µg/Kg
	Bromoform				4.4 UJ	µg/Kg
	Bromodichloromethane				4.4 UJ	µg/Kg
	1,1-Dichloroethane				4.4 UJ	µg/Kg
	1,1-Dichloroethene				4.4 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				4.4 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Dichlorodifluoromethane (CFC-12)	S-12616-080811-DN-13	> 48 Hours	48 Hours	4.4 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				4.4 UJ	µg/Kg
	1,2-Dichloropropane				4.4 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				18 UJ	µg/Kg
	1,1,2-Trichloroethane				4.4 UJ	µg/Kg
	Trichloroethene				0.40 J	µg/Kg
	Methyl acetate				8.8 UJ	µg/Kg
	1,1,2,2-Tetrachloroethane				4.4 UJ	µg/Kg
	1,2-Dichlorobenzene				4.4 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				8.8 UJ	µg/Kg
	Isopropyl benzene				4.4 UJ	µg/Kg
General Chemistry	Cyanide (total)	S-12616-080911-DN-27	29	14	18 J	mg/Kg

Notes:

VOCs Volatile Organic Compounds.
J Estimated.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
Metals	08/12/11	Chromium	0.737	S-12616-080811-DN-12	3.4 U	mg/Kg
Dioxins	08/18/11	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	0.11	S-12616-080911-DN-18	6.0 U	pg/g
		1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	0.34		6.0 U	pg/g

Notes:

U Not Detected.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080911-DN-21	Antimony	30	29	3	75-125	0-20	1.1 UJ	mg/Kg
	S-12616-080911-DN-22							36 J	mg/Kg
	S-12616-080911-DN-23							1.2 UJ	mg/Kg
	S-12616-080911-DN-24							1.1 UJ	mg/Kg
	S-12616-080911-DN-25							1.2 UJ	mg/Kg
	S-12616-080911-DN-26							0.46 J	mg/Kg
	S-12616-080911-DN-28							16 J	mg/Kg
	S-12616-080911-DN-29							0.99 UJ	mg/Kg
	S-12616-080911-DN-30							0.58 J	mg/Kg
Metals	S-12616-080911-DN-21	Cobalt	73	73	1	75-125	0-20	9.8 J	mg/Kg
	S-12616-080911-DN-22							4.2 J	mg/Kg
	S-12616-080911-DN-23							7.8 J	mg/Kg
	S-12616-080911-DN-24							7.1 J	mg/Kg
	S-12616-080911-DN-25							27 J	mg/Kg
	S-12616-080911-DN-26							8.4 J	mg/Kg
	S-12616-080911-DN-28							22 J	mg/Kg
	S-12616-080911-DN-29							12 J	mg/Kg
	S-12616-080911-DN-30							19 J	mg/Kg
Metals	S-12616-080911-DN-21	Nickel	62	60	1	75-125	0-20	47 J	mg/Kg
	S-12616-080911-DN-22							3200 J	mg/Kg
	S-12616-080911-DN-23							30 J	mg/Kg
	S-12616-080911-DN-24							29 J	mg/Kg
	S-12616-080911-DN-25							69 J	mg/Kg
	S-12616-080911-DN-26							44 J	mg/Kg
	S-12616-080911-DN-28							2400 J	mg/Kg
	S-12616-080911-DN-29							32 J	mg/Kg
	S-12616-080911-DN-30							48 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080811-DN-01	Antimony	36	39	7	75-125	0-20	1.1 UJ	mg/Kg
	S-12616-080811-DN-02							1.1 UJ	mg/Kg
	S-12616-080811-DN-03							2.1 J	mg/Kg
	S-12616-080811-DN-04							1.2 UJ	mg/Kg
	S-12616-080811-DN-05							1.2 UJ	mg/Kg
	S-12616-080811-DN-06							1.6 J	mg/Kg
	S-12616-080811-DN-07							1.1 UJ	mg/Kg
	S-12616-080811-DN-08							0.56 J	mg/Kg
	S-12616-080811-DN-09							1.2 UJ	mg/Kg
	S-12616-080811-DN-10							1.1 UJ	mg/Kg
	S-12616-080811-DN-11							2.2 J	mg/Kg
	S-12616-080811-DN-12							1.1 UJ	mg/Kg
	S-12616-080811-DN-13							1.1 UJ	mg/Kg
	S-12616-080911-DN-14							1.2 UJ	mg/Kg
	S-12616-080911-DN-15							1.2 UJ	mg/Kg
	S-12616-080911-DN-16							1.2 UJ	mg/Kg
	S-12616-080911-DN-17							1.2 UJ	mg/Kg
	S-12616-080911-DN-19							1.1 UJ	mg/Kg
	S-12616-080911-DN-20							18 J	mg/Kg
Metals	S-12616-080811-DN-01	Barium	617	90	132	75-125	0-20	250 J	mg/Kg
	S-12616-080811-DN-02							28 J	mg/Kg
	S-12616-080811-DN-03							420 J	mg/Kg
	S-12616-080811-DN-04							63 J	mg/Kg
	S-12616-080811-DN-05							93 J	mg/Kg
	S-12616-080811-DN-06							67 J	mg/Kg
	S-12616-080811-DN-07							94 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080811-DN-08	Barium	617	90	132	75-125	0-20	96 J	mg/Kg
	S-12616-080811-DN-09							120 J	mg/Kg
	S-12616-080811-DN-10							100 J	mg/Kg
	S-12616-080811-DN-11							110 J	mg/Kg
	S-12616-080811-DN-12							290 J	mg/Kg
	S-12616-080811-DN-13							230 J	mg/Kg
	S-12616-080911-DN-14							52 J	mg/Kg
	S-12616-080911-DN-15							36 J	mg/Kg
	S-12616-080911-DN-16							110 J	mg/Kg
	S-12616-080911-DN-17							96 J	mg/Kg
	S-12616-080911-DN-19							90 J	mg/Kg
	S-12616-080911-DN-20							120 J	mg/Kg
Metals	S-12616-080811-DN-01	Calcium	57	74	5	75-125	0-20	250000 J	mg/Kg
	S-12616-080811-DN-02							1600 J	mg/Kg
	S-12616-080811-DN-03							16000 J	mg/Kg
	S-12616-080811-DN-04							3800 J	mg/Kg
	S-12616-080811-DN-05							2500 J	mg/Kg
	S-12616-080811-DN-06							4300 J	mg/Kg
	S-12616-080811-DN-07							1800 J	mg/Kg
	S-12616-080811-DN-08							4000 J	mg/Kg
	S-12616-080811-DN-09							2700 J	mg/Kg
	S-12616-080811-DN-10							3600 J	mg/Kg
	S-12616-080811-DN-11							16000 J	mg/Kg
	S-12616-080811-DN-12							260000 J	mg/Kg
	S-12616-080811-DN-13							200000 J	mg/Kg
	S-12616-080911-DN-14							1200 J	mg/Kg
	S-12616-080911-DN-15							2500 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080911-DN-16	Calcium	57	74	5	75-125	0-20	18000 J	mg/Kg
	S-12616-080911-DN-17							2500 J	mg/Kg
	S-12616-080911-DN-19							5900 J	mg/Kg
	S-12616-080911-DN-20							43000 J	mg/Kg
Metals	S-12616-080811-DN-01	Copper	305	143	26	75-125	0-20	1.7 J	mg/Kg
	S-12616-080811-DN-02							16 J	mg/Kg
	S-12616-080811-DN-03							26000 J	mg/Kg
	S-12616-080811-DN-04							190 J	mg/Kg
	S-12616-080811-DN-05							66 J	mg/Kg
	S-12616-080811-DN-06							4300 J	mg/Kg
	S-12616-080811-DN-07							35 J	mg/Kg
	S-12616-080811-DN-08							6000 J	mg/Kg
	S-12616-080811-DN-09							30 J	mg/Kg
	S-12616-080811-DN-10							230 J	mg/Kg
	S-12616-080811-DN-11							7700 J	mg/Kg
	S-12616-080811-DN-12							1.5 J	mg/Kg
	S-12616-080811-DN-13							35 J	mg/Kg
	S-12616-080911-DN-14							7.9 J	mg/Kg
	S-12616-080911-DN-15							26 J	mg/Kg
	S-12616-080911-DN-16							120 J	mg/Kg
	S-12616-080911-DN-17							26 J	mg/Kg
	S-12616-080911-DN-19							60 J	mg/Kg
	S-12616-080911-DN-20							1200 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
General Chemistry	S-12616-080811-DN-13	Cyanide	18	21	13	50-134	0-20	1.1 J	mg/Kg
	S-12616-080911-DN-16							R	mg/Kg
	S-12616-080911-DN-19							R	mg/Kg
	S-12616-080911-DN-20							R	mg/Kg
	S-12616-080911-DN-22							1.4 J	mg/Kg
	S-12616-080911-DN-23							R	mg/Kg
	S-12616-080911-DN-24							R	mg/Kg
	S-12616-080911-DN-25							R	mg/Kg
	S-12616-080911-DN-26							R	mg/Kg
	S-12616-080911-DN-28							1.6 J	mg/Kg
	S-12616-080911-DN-29							R	mg/Kg
	S-12616-080911-DN-30							R	mg/Kg

Notes:

MS Matrix Spike.
MSD Matrix Spike Duplicate.
RPD Relative Percent Difference.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
J Estimated.
R Rejected.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Compound*	*Percent Recovery*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	Chloroethane	28	58-117	S-12616-080811-DN-01	5.5 UJ	µg/Kg
				S-12616-080811-DN-13	4.4 UJ	µg/Kg
				S-12616-080911-DN-16	5.4 UJ	µg/Kg
				S-12616-080911-DN-19	5.0 UJ	µg/Kg
				S-12616-080911-DN-20	7.1 UJ	µg/Kg
				S-12616-080911-DN-22	7.1 UJ	µg/Kg

Notes:

VOCs Volatile Organic Compounds.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	08/09/11	Acetone	22	S-12616-080911-DN-27	83 U	µg/Kg

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
REMEDIAL INVESTIGATION-SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Original Sample ID*	*Qualified Sample Result*	*Duplicate Sample ID*	*Qualified Sample Result*	*RPD*	*Units*
Metals	Calcium	S-12616-080811-DN-06	4300 J	S-12616-080811-DN-11	16000 J	115	mg/Kg
	Chromium		170 J		860 J	134	mg/Kg
	Manganese		260 J		1600 J	144	mg/Kg
	Silver		0.92 J		3.9 J	124	mg/Kg
	Sodium		390 J		1400 J	113	mg/Kg
	Zinc		4400 J		19000 J	125	mg/Kg

Notes:

RPD Relative Percent Difference.
J Estimated.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew Lavine

REF. NO.: 012616

FROM: Angela Bown/amm/3

DATE: September 22, 2011

CC: Karen Partington

REVISED
March 16, 2012

RE: Data Quality Assessment and Validation
Remedial Investigation-Soil Sampling
RACER Trust
Elyria, Ohio
August 2011

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the August 2011 collection of 30 soil samples and two (2) quality control samples from the RACER Trust Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc in North Canton, Ohio (TestAmerica) in accordance with the methodologies presented in Table 2. Table 3A and Table 3B present the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999

ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), dioxins, and inorganics below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged

these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

The samples summarized in Table 4 were qualified due to violation of sample holding time periods. The remaining samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The samples presented in Table 5 were qualified due to laboratory contamination. The remaining method blank samples were reported to be free from detectable levels of target analytes or did not warrant qualification.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

Some surrogate recoveries could not be measured or evaluated due to dilutions required to successfully analyze the samples. No qualification of these samples was required. The surrogate recovery acceptance criteria were met for all samples that could be evaluated.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 35 percent for soil samples. The samples selected for MS/MSD analysis are identified in Table 1.

In some sample batches, no Site-specific samples were utilized as MS/MSDs; precision and accuracy were verified by the analysis of the laboratory control sample/laboratory control duplicate (LCS/LCD). Qualification of samples associated with these MS/MSDs was not performed. The samples that were

qualified or rejected due to violation of MS/MSD percent recovery criteria are outlined in Table 6. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved with the exception of samples presented with qualifiers in Table 7.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of two (2) rinse blank samples and two (2) field duplicate sample sets.

Rinse Blanks

To assess the efficiency of field decontamination procedures and cleanliness of sample containers, the rinse blank samples identified in Table 1 were collected and analyzed.

The rinse blank samples were reported with parameters detected but the associated sample concentrations were either non-detect or exceed five (5) or 10 (for common laboratory contaminants) times the rinse blank result; therefore, no qualification was required. The samples that were qualified due to rinsate blank contamination are summarized in Table 8.

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is two times the RL value.

Table 9 presents the RPDs of detected analytes in duplicate sample sets with qualifiers.

MISCELLANEOUS

This report has been revised because the original results for hexavalent chromium were not dry weight corrected.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted with the exception of cyanide data were rejected in a number of samples due to MS/MSD recovery violation.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

						Analysis/Parameters							
Sample I.D.	*Location I.D.*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Metals*	*Hexavalent Chromium*	*Mercury*	*VOCs*	*SVOCs*	*Dioxins*	*Cyanide*	*Comments*
RB-080811-01	Equipment Blank			08/08/11	6:45:00 PM	X	X	X					
RB-080911-01	Equipment Blank			08/09/11	6:15:00 PM	X	X	X	X	X			
S-12616-080811-DN-01	SB-200	1	3	08/08/11	11:50:00 AM	X	X	X	X	X		X	
S-12616-080811-DN-02	SB-200	5	7	08/08/11	12:20:00 PM	X	X	X				X	
S-12616-080811-DN-03	SB-201	3	5	08/08/11	12:55:00 PM	X	X	X				X	
S-12616-080811-DN-04	SB-201	5	7	08/08/11	1:20:00 PM	X	X	X				X	
S-12616-080811-DN-05	SB-202	4	6	08/08/11	2:10:00 PM	X	X	X	X	X		X	
S-12616-080811-DN-06	SB-202	2	4	08/08/11	2:55:00 PM	X	X	X				X	
S-12616-080811-DN-07	SB-203	4	6	08/08/11	3:40:00 PM	X	X	X				X	MS/MSD
S-12616-080811-DN-08	SB-203	6	8	08/08/11	4:00:00 PM	X	X	X				X	
S-12616-080811-DN-09	SB-204	6	8	08/08/11	4:45:00 PM	X	X	X				X	
S-12616-080811-DN-10	SB-204	8	10	08/08/11	5:00:00 PM	X	X	X				X	
S-12616-080811-DN-11	SB-202	2	4	08/08/11	6:05:00 PM	X	X	X				X	S-12616-080811-DN-06
S-12616-080811-DN-12	SB-205	2	3	08/08/11	6:20:00 PM	X	X	X				X	
S-12616-080811-DN-13	SB-205	7.5	9.5	08/08/11	6:35:00 PM	X	X	X	X	X		X	
S-12616-080911-DN-14	SB-206	4	6	08/09/11	8:55:00 AM	X	X	X				X	
S-12616-080911-DN-15	SB-206	8	10	08/09/11	9:05:00 AM	X	X	X				X	
S-12616-080911-DN-16	SB-207	0	2	08/09/11	9:15:00 AM	X	X	X	X	X		X	MS/MSD
S-12616-080911-DN-17	SB-207	4	6	08/09/11	9:25:00 AM	X	X	X				X	
S-12616-080911-DN-18	SB-208	0	2	08/09/11	10:15:00 AM						X		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

						Analysis/Parameters							
Sample I.D.	*Location I.D.*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Metals*	*Hexavalent Chromium*	*Mercury*	*VOCs*	*SVOCs*	*Dioxins*	*Cyanide*	*Comments*
S-12616-080911-DN-19	SB-208	4	6	08/09/11	10:25:00 AM	X	X	X	X	X		X	
S-12616-080911-DN-20	SB-209	0	2	08/09/11	11:40:00 AM	X	X	X	X	X		X	
S-12616-080911-DN-21	SB-209	2	4	08/09/11	11:50:00 AM	X	X	X				X	
S-12616-080911-DN-22	SB-210	0	2	08/09/11	12:00:00 PM	X	X	X	X	X		X	
S-12616-080911-DN-23	SB-210	4	6	08/09/11	12:10:00 PM	X	X	X				X	
S-12616-080911-DN-24	SB-210	4	6	08/09/11	12:30:00 PM	X	X	X				X	S-12616-080911-DN-23
S-12616-080911-DN-25	SB-211	2	4	08/09/11	1:00:00 PM	X	X	X				X	
S-12616-080911-DN-26	SB-211	4	6	08/09/11	1:10:00 PM	X	X	X				X	
S-12616-080911-DN-27	SB-212	6	8	08/09/11	2:50:00 PM	X	X	X	X	X		X	
S-12616-080911-DN-28	SB-212	4	6	08/09/11	3:10:00 PM	X	X	X				X	
S-12616-080911-DN-29	SB-213	4	6	08/09/11	3:25:00 PM	X	X	X				X	
S-12616-080911-DN-30	SB-213	6	8	08/09/11	3:35:00 PM	X	X	X				X	MS/MSD

Notes:

VOCs Volatile Organic Compounds.
SVOCs Semi-Volatile Organic Compounds.
ft bgs Feet Below Ground Surface.
MS Matrix Spike.
MSD Matrix Spike Duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Method*
VOCs	SW-846 8260[1]
SVOCs	SW-846 8270[1]
Dioxins	SW-846 8290[1]
Cyanide	SW-846 9012[1]
Hexavalent Chromium	SW-846 7196[1]
Metals/Mercury	SW-846 6010/7471[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).
SVOCs Semi-Volatile Organic Compounds.
VOCs Volatile Organic Compounds.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1-Dichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,1-Dichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	11 UJ	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dichloroethane	µg/kg	5.5 UJ	-	-	-	-	-
1,2-Dichloropropane	µg/kg	5.5 UJ	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	22 UJ	-	-	-	-	-
2-Hexanone	µg/kg	22 UJ	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	0.64 J	-	-	-	-	-
Acetone	µg/kg	22 J	-	-	-	-	-
Benzene	µg/kg	5.5 UJ	-	-	-	-	-
Bromodichloromethane	µg/kg	5.5 UJ	-	-	-	-	-
Bromoform	µg/kg	5.5 UJ	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	5.5 UJ	-	-	-	-	-
Carbon disulfide	µg/kg	2.7 J	-	-	-	-	-
Carbon tetrachloride	µg/kg	5.5 UJ	-	-	-	-	-
Chlorobenzene	µg/kg	5.5 UJ	-	-	-	-	-
Chloroethane	µg/kg	5.5 UJ	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	5.5 UJ	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	5.5 UJ	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	5.5 UJ	-	-	-	-	-
Cyclohexane	µg/kg	11 UJ	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/kg	5.5 UJ	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	5.5 UJ	-	-	-	-	-
Ethylbenzene	µg/kg	5.5 UJ	-	-	-	-	-
Isopropyl benzene	µg/kg	5.5 UJ	-	-	-	-	-
Methyl acetate	µg/kg	11 UJ	-	-	-	-	-
Methyl cyclohexane	µg/kg	11 UJ	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	22 UJ	-	-	-	-	-
Methylene chloride	µg/kg	2.5 J	-	-	-	-	-
Styrene	µg/kg	5.5 UJ	-	-	-	-	-
Tetrachloroethene	µg/kg	5.5 UJ	-	-	-	-	-
Toluene	µg/kg	5.5 UJ	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	5.5 UJ	-	-	-	-	-
Trichloroethene	µg/kg	5.5 UJ	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	5.5 UJ	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	5.5 UJ	-	-	-	-	-
Vinyl chloride	µg/kg	5.5 UJ	-	-	-	-	-
Xylenes (total)	µg/kg	11 UJ	-	-	-	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	120 U	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	190 U	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	190 U	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	190 U	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	190 U	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	410 U	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	250 U	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	250 U	-	-	-	-	-
2-Chloronaphthalene	µg/kg	62 U	-	-	-	-	-
2-Chlorophenol	µg/kg	62 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Semi-volatile Organic Compounds (cont'd)						
2-Methylnaphthalene	µg/kg	8.2 J	-	-	-	-	-
2-Methylphenol	µg/kg	250 U	-	-	-	-	-
2-Nitroaniline	µg/kg	250 U	-	-	-	-	-
2-Nitrophenol	µg/kg	62 U	-	-	-	-	-
3&4-Methylphenol	µg/kg	500 U	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	120 U	-	-	-	-	-
3-Nitroaniline	µg/kg	250 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	190 U	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	62 U	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	190 U	-	-	-	-	-
4-Chloroaniline	µg/kg	190 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	62 U	-	-	-	-	-
4-Nitroaniline	µg/kg	250 U	-	-	-	-	-
4-Nitrophenol	µg/kg	410 U	-	-	-	-	-
Acenaphthene	µg/kg	8.3 U	-	-	-	-	-
Acenaphthylene	µg/kg	8.3 U	-	-	-	-	-
Acetophenone	µg/kg	120 U	-	-	-	-	-
Anthracene	µg/kg	8.3 U	-	-	-	-	-
Atrazine	µg/kg	250 U	-	-	-	-	-
Benzaldehyde	µg/kg	120 U	-	-	-	-	-
Benzo(a)anthracene	µg/kg	13	-	-	-	-	-
Benzo(a)pyrene	µg/kg	10	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	20	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	9.5	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	7.8 J	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	62 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	120 U	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	120 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	1700	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	62 U	-	-	-	-	-
Caprolactam	µg/kg	410 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
	Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
							(Duplicate)
Parameters:	***Units***						
Semi-volatile Organic Compounds (cont'd)							
Carbazole	µg/kg	62 U	-	-	-	-	-
Chrysene	µg/kg	19	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	8.3 U	-	-	-	-	-
Dibenzofuran	µg/kg	62 U	-	-	-	-	-
Diethyl phthalate	µg/kg	62 U	-	-	-	-	-
Dimethyl phthalate	µg/kg	62 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	19 J	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	62 U	-	-	-	-	-
Fluoranthene	µg/kg	36	-	-	-	-	-
Fluorene	µg/kg	8.3 U	-	-	-	-	-
Hexachlorobenzene	µg/kg	8.3 U	-	-	-	-	-
Hexachlorobutadiene	µg/kg	62 U	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	410 U	-	-	-	-	-
Hexachloroethane	µg/kg	62 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	6.9 J	-	-	-	-	-
Isophorone	µg/kg	62 U	-	-	-	-	-
Naphthalene	µg/kg	5.8 J	-	-	-	-	-
Nitrobenzene	µg/kg	120 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	62 U	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	62 U	-	-	-	-	-
Pentachlorophenol	µg/kg	190 U	-	-	-	-	-
Phenanthrene	µg/kg	16	-	-	-	-	-
Phenol	µg/kg	62 U	-	-	-	-	-
Pyrene	µg/kg	28	-	-	-	-	-
Metals							
Aluminum	mg/kg	29000	4500	9500	8200	5800	8200
Antimony	mg/kg	1.1 UJ	1.1 UJ	2.1 J	1.2 UJ	1.6 J	2.2 J
Arsenic	mg/kg	1.4	11	11	8.3	8.5	12
Barium	mg/kg	250 J	28 J	420 J	63 J	67 J	110 J

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
	Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
							(Duplicate)
Parameters:	***Units***						
Metals (cont'd)							
Beryllium	mg/kg	5.7	0.15 J	0.18 J	0.29 J	0.16 J	0.28 J
Cadmium	mg/kg	0.22 U	0.30	2.9	0.24 U	0.44	1.0
Calcium	mg/kg	250000 J	1600 J	16000 J	3800 J	4300 J	16000 J
Chromium	mg/kg	7.3	8.0	1200	31	170 J	860 J
Chromium VI (hexavalent)	mg/kg	1.0 U	0.92 J	1.5	1.7	1.3	1.0 U
Cobalt	mg/kg	1.0 J	6.0	16	6.3	13	15
Copper	mg/kg	1.7 J	16 J	26000 J	190 J	4300 J	7700 J
Iron	mg/kg	4000	15000	59000	19000	29000	31000
Lead	mg/kg	1.3	7.3	530	12	140	200
Magnesium	mg/kg	34000	1200	4700	2700	2300	3700
Manganese	mg/kg	2400	180	480	230	260 J	1600 J
Mercury	mg/kg	0.084 U	0.019 J	0.14	0.030 J	0.13	0.19
Nickel	mg/kg	0.78 J	16	3000	54	1600	3000
Potassium	mg/kg	870	510 J	760	1000	720	720
Selenium	mg/kg	2.5	0.57 U	0.59 U	0.60 U	0.62 U	1.1
Silver	mg/kg	0.56 U	0.18 J	1.2	0.60 U	0.92 J	3.9 J
Sodium	mg/kg	1100	120 J	2400	600 U	390 J	1400 J
Thallium	mg/kg	2.6	1.1 U	0.79 J	0.74 J	1.2 U	1.5
Vanadium	mg/kg	5.0 J	15	19	22	15	25
Zinc	mg/kg	3.4	47	36000	260	4400 J	19000 J
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-200*	*SB-200*	*SB-201*	*SB-201*	*SB-202*	*SB-202*
	Sample ID:	*S-12616-080811-DN-01*	*S-12616-080811-DN-02*	*S-12616-080811-DN-03*	*S-12616-080811-DN-04*	*S-12616-080811-DN-06*	*S-12616-080811-DN-11*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(1-3) ft BGS*	*(5-7) ft BGS*	*(3-5) ft BGS*	*(5-7) ft BGS*	*(2-4) ft BGS*	*(2-4) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
							(Duplicate)
Parameters:	***Units***						
Diox Fur (cont'd)							
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
General Chemistry							
Cyanide (total)	mg/kg	0.62 U	0.12 J	0.36 J	0.60 U	1.5	3.1
Percent moisture	%	-	-	-	-	-	-

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1-Dichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,1-Dichloroethene	µg/kg	270 UJ	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	16 J	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	540 UJ	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	270 UJ	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	270 UJ	-	-	-	-	-
1,2-Dichloroethane	µg/kg	270 UJ	-	-	-	-	-
1,2-Dichloropropane	µg/kg	270 UJ	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	270 UJ	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	270 UJ	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	1100 UJ	-	-	-	-	-
2-Hexanone	µg/kg	1100 UJ	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	1100 UJ	-	-	-	-	-
Acetone	µg/kg	1100 UJ	-	-	-	-	-
Benzene	µg/kg	270 UJ	-	-	-	-	-
Bromodichloromethane	µg/kg	270 UJ	-	-	-	-	-
Bromoform	µg/kg	270 UJ	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	270 UJ	-	-	-	-	-
Carbon disulfide	µg/kg	50 J	-	-	-	-	-
Carbon tetrachloride	µg/kg	270 UJ	-	-	-	-	-
Chlorobenzene	µg/kg	270 UJ	-	-	-	-	-
Chloroethane	µg/kg	270 UJ	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	270 UJ	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	270 UJ	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	270 UJ	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	270 UJ	-	-	-	-	-
Cyclohexane	µg/kg	540 UJ	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Volatile Organic Compounds (cont'd)							
Dibromochloromethane	µg/kg	270 UJ	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	270 UJ	-	-	-	-	-
Ethylbenzene	µg/kg	260 J	-	-	-	-	-
Isopropyl benzene	µg/kg	53 J	-	-	-	-	-
Methyl acetate	µg/kg	72 J	-	-	-	-	-
Methyl cyclohexane	µg/kg	230 J	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	1100 UJ	-	-	-	-	-
Methylene chloride	µg/kg	270 UJ	-	-	-	-	-
Styrene	µg/kg	270 UJ	-	-	-	-	-
Tetrachloroethene	µg/kg	270 UJ	-	-	-	-	-
Toluene	µg/kg	120 J	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	270 UJ	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	270 UJ	-	-	-	-	-
Trichloroethene	µg/kg	25 J	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	270 UJ	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	270 UJ	-	-	-	-	-
Vinyl chloride	µg/kg	270 UJ	-	-	-	-	-
Xylenes (total)	µg/kg	2000 J	-	-	-	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	1200 U	-	-	-	-	-
2,4,5-Trichlorophenol	µg/kg	1900 U	-	-	-	-	-
2,4,6-Trichlorophenol	µg/kg	1900 U	-	-	-	-	-
2,4-Dichlorophenol	µg/kg	1900 U	-	-	-	-	-
2,4-Dimethylphenol	µg/kg	1900 U	-	-	-	-	-
2,4-Dinitrophenol	µg/kg	4100 U	-	-	-	-	-
2,4-Dinitrotoluene	µg/kg	2500 U	-	-	-	-	-
2,6-Dinitrotoluene	µg/kg	2500 U	-	-	-	-	-
2-Chloronaphthalene	µg/kg	620 U	-	-	-	-	-
2-Chlorophenol	µg/kg	620 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Semi-volatile Organic Compounds (cont'd)							
2-Methylnaphthalene	µg/kg	83 U	-	-	-	-	-
2-Methylphenol	µg/kg	2500 U	-	-	-	-	-
2-Nitroaniline	µg/kg	2500 U	-	-	-	-	-
2-Nitrophenol	µg/kg	620 U	-	-	-	-	-
3&4-Methylphenol	µg/kg	5000 U	-	-	-	-	-
3,3'-Dichlorobenzidine	µg/kg	1200 U	-	-	-	-	-
3-Nitroaniline	µg/kg	2500 U	-	-	-	-	-
4,6-Dinitro-2-methylphenol	µg/kg	1900 U	-	-	-	-	-
4-Bromophenyl phenyl ether	µg/kg	620 U	-	-	-	-	-
4-Chloro-3-methylphenol	µg/kg	1900 U	-	-	-	-	-
4-Chloroaniline	µg/kg	1900 U	-	-	-	-	-
4-Chlorophenyl phenyl ether	µg/kg	620 U	-	-	-	-	-
4-Nitroaniline	µg/kg	2500 U	-	-	-	-	-
4-Nitrophenol	µg/kg	4100 U	-	-	-	-	-
Acenaphthene	µg/kg	83 U	-	-	-	-	-
Acenaphthylene	µg/kg	83 U	-	-	-	-	-
Acetophenone	µg/kg	1200 U	-	-	-	-	-
Anthracene	µg/kg	83 U	-	-	-	-	-
Atrazine	µg/kg	2500 U	-	-	-	-	-
Benzaldehyde	µg/kg	1200 U	-	-	-	-	-
Benzo(a)anthracene	µg/kg	83 U	-	-	-	-	-
Benzo(a)pyrene	µg/kg	83 U	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	83 U	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	83 U	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	83 U	-	-	-	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	620 U	-	-	-	-	-
bis(2-Chloroethoxy)methane	µg/kg	1200 U	-	-	-	-	-
bis(2-Chloroethyl)ether	µg/kg	1200 U	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	260 J	-	-	-	-	-
Butyl benzylphthalate (BBP)	µg/kg	620 U	-	-	-	-	-
Caprolactam	µg/kg	4100 U	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***						
Semi-volatile Organic Compounds (cont'd)							
Carbazole	µg/kg	620 U	-	-	-	-	-
Chrysene	µg/kg	83 U	-	-	-	-	-
Dibenz(a,h)anthracene	µg/kg	83 U	-	-	-	-	-
Dibenzofuran	µg/kg	620 U	-	-	-	-	-
Diethyl phthalate	µg/kg	620 U	-	-	-	-	-
Dimethyl phthalate	µg/kg	620 U	-	-	-	-	-
Di-n-butylphthalate (DBP)	µg/kg	620 U	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	620 U	-	-	-	-	-
Fluoranthene	µg/kg	83 U	-	-	-	-	-
Fluorene	µg/kg	83 U	-	-	-	-	-
Hexachlorobenzene	µg/kg	83 U	-	-	-	-	-
Hexachlorobutadiene	µg/kg	620 U	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	4100 U	-	-	-	-	-
Hexachloroethane	µg/kg	620 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	83 U	-	-	-	-	-
Isophorone	µg/kg	620 U	-	-	-	-	-
Naphthalene	µg/kg	83 U	-	-	-	-	-
Nitrobenzene	µg/kg	1200 U	-	-	-	-	-
N-Nitrosodi-n-propylamine	µg/kg	620 U	-	-	-	-	-
N-Nitrosodiphenylamine	µg/kg	620 U	-	-	-	-	-
Pentachlorophenol	µg/kg	1900 U	-	-	-	-	-
Phenanthrene	µg/kg	83 U	-	-	-	-	-
Phenol	µg/kg	620 U	-	-	-	-	-
Pyrene	µg/kg	83 U	-	-	-	-	-
Metals							
Aluminum	mg/kg	9900	7400	9600	11000	10000	24000
Antimony	mg/kg	1.2 UJ	1.1 UJ	0.56 J	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	mg/kg	4.9	15	5.9	6.9	13	1.2
Barium	mg/kg	93 J	94 J	96 J	120 J	100 J	290 J

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
	Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
	Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
	Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***						
Metals (cont'd)							
Beryllium	mg/kg	0.45 J	0.44 J	0.39 J	0.53 J	0.40 J	8.4
Cadmium	mg/kg	0.11 J	0.22 U	0.16 J	0.23 U	0.12 J	0.22 U
Calcium	mg/kg	2500 J	1800 J	4000 J	2700 J	3600 J	260000 J
Chromium	mg/kg	15	13	140	17	27	3.4 U
Chromium VI (hexavalent)	mg/kg	0.99 U	0.88 U	0.41 J	1.0 U	0.97 U	0.90 U
Cobalt	mg/kg	6.3	9.3	17	5.5 J	13	0.78 J
Copper	mg/kg	66 J	35 J	6000 J	30 J	230 J	1.5 J
Iron	mg/kg	18000	28000	27000	23000	31000	3300
Lead	mg/kg	16	13	39	11	19	0.85
Magnesium	mg/kg	2300	2200	2700	2200	3800	36000
Manganese	mg/kg	160	820	280	210	500	2300
Mercury	mg/kg	0.046 J	0.036 J	0.077 J	0.036 J	0.015 J	0.11 U
Nickel	mg/kg	23	39	2100	19	100	0.75 J
Potassium	mg/kg	940	720	960	640	1200	970
Selenium	mg/kg	0.60 U	0.54 U	0.62 U	0.58 U	0.56 U	4.2
Silver	mg/kg	0.60 U	0.54 U	0.33 J	0.58 U	0.56 U	0.55 U
Sodium	mg/kg	120 J	540 U	300 J	580 U	560 U	880
Thallium	mg/kg	1.2 U	0.59 J	1.2 U	0.73 J	1.3	2.6
Vanadium	mg/kg	21	23	21	22	22	4.0 J
Zinc	mg/kg	110	85	3200	67	420	2.5
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-202*	*SB-203*	*SB-203*	*SB-204*	*SB-204*	*SB-205*
Sample ID:	*S-12616-080811-DN-05*	*S-12616-080811-DN-07*	*S-12616-080811-DN-08*	*S-12616-080811-DN-09*	*S-12616-080811-DN-10*	*S-12616-080811-DN-12*
Sample Date:	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*	*8/8/2011*
Sample Depth:	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*	*(8-10) ft BGS*	*(2-3) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***					
Diox Fur (cont'd)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
General Chemistry							
Cyanide (total)	mg/kg	0.25 J	0.54 U	2.3	0.17 J	0.59 U	0.69
Percent moisture	%	-	-	-	-	-	-

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1,2,2-Tetrachloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1,2-Trichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1-Dichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,1-Dichloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2,4-Trichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	8.8 UJ	-	-	11 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dichloroethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,2-Dichloropropane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,3-Dichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
1,4-Dichlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	18 UJ	-	-	22 U	-	-
2-Hexanone	µg/kg	18 UJ	-	-	22 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	0.51 J	-	-	22 U	-	-
Acetone	µg/kg	31 J	-	-	22 U	-	-
Benzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Bromodichloromethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Bromoform	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Bromomethane (Methyl bromide)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Carbon disulfide	µg/kg	3.6 J	-	-	1.0 J	-	-
Carbon tetrachloride	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Chlorobenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Chloroethane	µg/kg	4.4 UJ	-	-	5.4 UJ	-	-
Chloroform (Trichloromethane)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Chloromethane (Methyl chloride)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
cis-1,2-Dichloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
cis-1,3-Dichloropropene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Cyclohexane	µg/kg	8.8 UJ	-	-	11 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Volatile Organic Compounds (cont'd)							
Dibromochloromethane	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Ethylbenzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Isopropyl benzene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Methyl acetate	µg/kg	8.8 UJ	-	-	12	-	-
Methyl cyclohexane	µg/kg	0.89 J	-	-	11 U	-	-
Methyl tert butyl ether (MTBE)	µg/kg	18 UJ	-	-	22 U	-	-
Methylene chloride	µg/kg	1.6 J	-	-	0.77 J	-	-
Styrene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Tetrachloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Toluene	µg/kg	0.28 J	-	-	5.4 U	-	-
trans-1,2-Dichloroethene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
trans-1,3-Dichloropropene	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Trichloroethene	µg/kg	0.40 J	-	-	5.4 U	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Vinyl chloride	µg/kg	4.4 UJ	-	-	5.4 U	-	-
Xylenes (total)	µg/kg	8.8 UJ	-	-	11 U	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	1100 U	-	-	250 U	-	-
2,4,5-Trichlorophenol	µg/kg	1700 U	-	-	370 U	-	-
2,4,6-Trichlorophenol	µg/kg	1700 U	-	-	370 U	-	-
2,4-Dichlorophenol	µg/kg	1700 U	-	-	370 U	-	-
2,4-Dimethylphenol	µg/kg	1700 U	-	-	370 U	-	-
2,4-Dinitrophenol	µg/kg	3800 U	-	-	820 U	-	-
2,4-Dinitrotoluene	µg/kg	2300 U	-	-	500 U	-	-
2,6-Dinitrotoluene	µg/kg	2300 U	-	-	500 U	-	-
2-Chloronaphthalene	µg/kg	570 U	-	-	120 U	-	-
2-Chlorophenol	µg/kg	570 U	-	-	120 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Semi-volatile Organic Compounds (cont'd)							
2-Methylnaphthalene	µg/kg	76 U	-	-	110	-	-
2-Methylphenol	µg/kg	2300 U	-	-	500 U	-	-
2-Nitroaniline	µg/kg	2300 U	-	-	500 U	-	-
2-Nitrophenol	µg/kg	570 U	-	-	120 U	-	-
3&4-Methylphenol	µg/kg	4600 U	-	-	990 U	-	-
3,3'-Dichlorobenzidine	µg/kg	1100 U	-	-	250 U	-	-
3-Nitroaniline	µg/kg	2300 U	-	-	500 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	1700 U	-	-	370 U	-	-
4-Bromophenyl phenyl ether	µg/kg	570 U	-	-	120 U	-	-
4-Chloro-3-methylphenol	µg/kg	1700 U	-	-	370 U	-	-
4-Chloroaniline	µg/kg	1700 U	-	-	370 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	570 U	-	-	120 U	-	-
4-Nitroaniline	µg/kg	2300 U	-	-	500 U	-	-
4-Nitrophenol	µg/kg	3800 U	-	-	820 U	-	-
Acenaphthene	µg/kg	76 U	-	-	290	-	-
Acenaphthylene	µg/kg	76 U	-	-	17 U	-	-
Acetophenone	µg/kg	1100 U	-	-	250 U	-	-
Anthracene	µg/kg	76 U	-	-	560	-	-
Atrazine	µg/kg	2300 U	-	-	500 U	-	-
Benzaldehyde	µg/kg	1100 U	-	-	250 U	-	-
Benzo(a)anthracene	µg/kg	76 U	-	-	690	-	-
Benzo(a)pyrene	µg/kg	76 U	-	-	600	-	-
Benzo(b)fluoranthene	µg/kg	76 U	-	-	810	-	-
Benzo(g,h,i)perylene	µg/kg	76 U	-	-	390	-	-
Benzo(k)fluoranthene	µg/kg	76 U	-	-	430	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	570 U	-	-	120 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	1100 U	-	-	250 U	-	-
bis(2-Chloroethyl)ether	µg/kg	1100 U	-	-	250 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	570 U	-	-	120 U	-	-
Butyl benzylphthalate (BBP)	µg/kg	570 U	-	-	120 U	-	-
Caprolactam	µg/kg	3800 U	-	-	820 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***						
Semi-volatile Organic Compounds (cont'd)							
Carbazole	µg/kg	570 U	-	-	260	-	-
Chrysene	µg/kg	76 U	-	-	630	-	-
Dibenz(a,h)anthracene	µg/kg	76 U	-	-	17 U	-	-
Dibenzofuran	µg/kg	570 U	-	-	260	-	-
Diethyl phthalate	µg/kg	570 U	-	-	120 U	-	-
Dimethyl phthalate	µg/kg	570 U	-	-	120 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	570 U	-	-	120 U	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	570 U	-	-	120 U	-	-
Fluoranthene	µg/kg	49 J	-	-	2000	-	-
Fluorene	µg/kg	76 U	-	-	350	-	-
Hexachlorobenzene	µg/kg	76 U	-	-	17 U	-	-
Hexachlorobutadiene	µg/kg	570 U	-	-	120 U	-	-
Hexachlorocyclopentadiene	µg/kg	3800 U	-	-	820 U	-	-
Hexachloroethane	µg/kg	570 U	-	-	120 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	76 U	-	-	310	-	-
Isophorone	µg/kg	570 U	-	-	120 U	-	-
Naphthalene	µg/kg	76 U	-	-	72	-	-
Nitrobenzene	µg/kg	1100 U	-	-	250 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	570 U	-	-	120 U	-	-
N-Nitrosodiphenylamine	µg/kg	570 U	-	-	120 U	-	-
Pentachlorophenol	µg/kg	1700 U	-	-	370 U	-	-
Phenanthrene	µg/kg	76 U	-	-	2300	-	-
Phenol	µg/kg	570 U	-	-	120 U	-	-
Pyrene	µg/kg	45 J	-	-	1500	-	-
Metals							
Aluminum	mg/kg	21000	7300	9200	10000	11000	-
Antimony	mg/kg	1.1 UJ	1.2 UJ	1.2 UJ	1.2 UJ	1.2 UJ	-
Arsenic	mg/kg	2.2	13	26	7.7	7.8	-
Barium	mg/kg	230 J	52 J	36 J	110 J	96 J	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
	Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
	Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Metals (cont'd)							
Beryllium	mg/kg	6.9	0.34 J	0.35 J	0.71	0.37 J	-
Cadmium	mg/kg	0.22 U	0.24 U	0.24 U	0.62	0.24 U	-
Calcium	mg/kg	200000 J	1200 J	2500 J	18000 J	2500 J	-
Chromium	mg/kg	22	10	16	33	18	-
Chromium VI (hexavalent)	mg/kg	0.97	2.2	0.97 U	0.71 J	0.34 J	-
Cobalt	mg/kg	1.8 J	7.8	9.7	7.1	9.1	-
Copper	mg/kg	35 J	7.9 J	26 J	120 J	26 J	-
Iron	mg/kg	4400	23000	30000	17000	28000	-
Lead	mg/kg	6.8	11	11	20	8.9	-
Magnesium	mg/kg	31000	1300	3700	4500	3500	-
Manganese	mg/kg	2000	400	300	390	410	-
Mercury	mg/kg	0.081 U	0.12 U	0.12 U	0.099 J	0.10 U	-
Nickel	mg/kg	53	7.8	29	36	35	-
Potassium	mg/kg	960	490 J	1500	880	1100	-
Selenium	mg/kg	2.7	0.61 U	0.59 U	0.61 U	0.60 U	-
Silver	mg/kg	0.55 U	0.61 U	0.59 U	0.14 J	0.60 U	-
Sodium	mg/kg	760	610 U	590 U	160 J	600 U	-
Thallium	mg/kg	1.9	1.2 U	1.2 U	1.2	1.0 J	-
Vanadium	mg/kg	6.8	19	18	20	21	-
Zinc	mg/kg	76	34	84	730	72	-
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	45
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	75
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	24
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	11
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	5.0 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	4.5 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	6.0 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	1.4 J

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-205*	*SB-206*	*SB-206*	*SB-207*	*SB-207*	*SB-208*
Sample ID:	*S-12616-080811-DN-13*	*S-12616-080911-DN-14*	*S-12616-080911-DN-15*	*S-12616-080911-DN-16*	*S-12616-080911-DN-17*	*S-12616-080911-DN-18*
Sample Date:	*8/8/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(7.5-9.5) ft BGS*	*(4-6) ft BGS*	*(8-10) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(0-2) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***					
Diox Fur (cont'd)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	0.49 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	6.0 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	0.37 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	6.0 U
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	6.0 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	1.1 J
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	0.99 J
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	1.0 J
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	0.39 J
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	45
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	21
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	20
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	4.9
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	9.5
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	1.3
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	3.8
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	1.9
General Chemistry						
Cyanide (total)	mg/kg	1.1 J	0.59 U	0.59 U	R	0.58 U	-
Percent moisture	%	-	-	-	-	-	20.9

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1,2,2-Tetrachloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1,2-Trichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1-Dichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,1-Dichloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2,4-Trichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	10 U	14 U	-	14 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dichloroethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,2-Dichloropropane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,3-Dichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
1,4-Dichlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	20 U	29 U	-	28 U	-	-
2-Hexanone	µg/kg	20 U	29 U	-	28 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	20 U	29 U	-	28 U	-	-
Acetone	µg/kg	20 U	29 U	-	28 U	-	-
Benzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Bromodichloromethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Bromoform	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Bromomethane (Methyl bromide)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Carbon disulfide	µg/kg	0.97 J	1.3 J	-	7.1 U	-	-
Carbon tetrachloride	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Chlorobenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Chloroethane	µg/kg	5.0 UJ	7.1 UJ	-	7.1 UJ	-	-
Chloroform (Trichloromethane)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Chloromethane (Methyl chloride)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
cis-1,2-Dichloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
cis-1,3-Dichloropropene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Cyclohexane	µg/kg	10 U	14 U	-	14 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Ethylbenzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Isopropyl benzene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Methyl acetate	µg/kg	4.9 J	18	-	7.3 J	-	-
Methyl cyclohexane	µg/kg	10 U	14 U	-	14 U	-	-
Methyl tert butyl ether (MTBE)	µg/kg	20 U	29 U	-	28 U	-	-
Methylene chloride	µg/kg	1.7 J	2.5 J	-	2.8 J	-	-
Styrene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Tetrachloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Toluene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
trans-1,2-Dichloroethene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
trans-1,3-Dichloropropene	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Trichloroethene	µg/kg	5.0 U	7.1 U	-	0.92 J	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Vinyl chloride	µg/kg	5.0 U	7.1 U	-	7.1 U	-	-
Xylenes (total)	µg/kg	10 U	14 U	-	14 U	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	120 U	130 U	-	120 U	-	-
2,4,5-Trichlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4,6-Trichlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4-Dichlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4-Dimethylphenol	µg/kg	180 U	200 U	-	190 U	-	-
2,4-Dinitrophenol	µg/kg	400 U	440 U	-	410 U	-	-
2,4-Dinitrotoluene	µg/kg	240 U	260 U	-	250 U	-	-
2,6-Dinitrotoluene	µg/kg	240 U	260 U	-	250 U	-	-
2-Chloronaphthalene	µg/kg	61 U	66 U	-	62 U	-	-
2-Chlorophenol	µg/kg	61 U	66 U	-	62 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Semi-volatile Organic Compounds (cont'd)						
2-Methylnaphthalene	µg/kg	43	24	-	97	-	-
2-Methylphenol	µg/kg	240 U	260 U	-	250 U	-	-
2-Nitroaniline	µg/kg	240 U	260 U	-	250 U	-	-
2-Nitrophenol	µg/kg	61 U	66 U	-	62 U	-	-
3&4-Methylphenol	µg/kg	490 U	530 U	-	500 U	-	-
3,3'-Dichlorobenzidine	µg/kg	120 U	130 U	-	120 U	-	-
3-Nitroaniline	µg/kg	240 U	260 U	-	250 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	180 U	200 U	-	190 U	-	-
4-Bromophenyl phenyl ether	µg/kg	61 U	66 U	-	62 U	-	-
4-Chloro-3-methylphenol	µg/kg	180 U	200 U	-	190 U	-	-
4-Chloroaniline	µg/kg	180 U	200 U	-	190 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	61 U	66 U	-	62 U	-	-
4-Nitroaniline	µg/kg	240 U	260 U	-	250 U	-	-
4-Nitrophenol	µg/kg	400 U	440 U	-	410 U	-	-
Acenaphthene	µg/kg	20	8.8 U	-	8.3 U	-	-
Acenaphthylene	µg/kg	8.2 U	8.8 U	-	8.3 U	-	-
Acetophenone	µg/kg	120 U	130 U	-	120 U	-	-
Anthracene	µg/kg	28	8.8 U	-	8.3 U	-	-
Atrazine	µg/kg	240 U	260 U	-	250 U	-	-
Benzaldehyde	µg/kg	120 U	130 U	-	120 U	-	-
Benzo(a)anthracene	µg/kg	42	16	-	10	-	-
Benzo(a)pyrene	µg/kg	35	16	-	8.3 U	-	-
Benzo(b)fluoranthene	µg/kg	54	8.8 U	-	11	-	-
Benzo(g,h,i)perylene	µg/kg	28	16	-	8.3 U	-	-
Benzo(k)fluoranthene	µg/kg	33	8.8 U	-	8.3 U	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	61 U	66 U	-	62 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	120 U	130 U	-	120 U	-	-
bis(2-Chloroethyl)ether	µg/kg	120 U	130 U	-	120 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	95	390	-	250	-	-
Butyl benzylphthalate (BBP)	µg/kg	61 U	66 U	-	62 U	-	-
Caprolactam	µg/kg	400 U	440 U	-	410 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
	Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
							(Duplicate)
Parameters:	***Units***						
Semi-volatile Organic Compounds (cont'd)							
Carbazole	µg/kg	61 U	66 U	-	62 U	-	-
Chrysene	µg/kg	48	25	-	14	-	-
Dibenz(a,h)anthracene	µg/kg	8.2 U	8.8 U	-	8.3 U	-	-
Dibenzofuran	µg/kg	16 J	6.2 J	-	19 J	-	-
Diethyl phthalate	µg/kg	61 U	66 U	-	62 U	-	-
Dimethyl phthalate	µg/kg	61 U	66 U	-	62 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	31 J	66 U	-	26 J	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	61 U	66 U	-	62 U	-	-
Fluoranthene	µg/kg	110	29	-	17	-	-
Fluorene	µg/kg	15	8.8 U	-	8.3 U	-	-
Hexachlorobenzene	µg/kg	8.2 U	8.8 U	-	8.3 U	-	-
Hexachlorobutadiene	µg/kg	61 U	66 U	-	62 U	-	-
Hexachlorocyclopentadiene	µg/kg	400 U	440 U	-	410 U	-	-
Hexachloroethane	µg/kg	61 U	66 U	-	62 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	23	11	-	8.3 U	-	-
Isophorone	µg/kg	61 U	66 U	-	62 U	-	-
Naphthalene	µg/kg	31	11	-	64	-	-
Nitrobenzene	µg/kg	120 U	130 U	-	120 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	61 U	66 U	-	62 U	-	-
N-Nitrosodiphenylamine	µg/kg	61 U	66 U	-	62 U	-	-
Pentachlorophenol	µg/kg	180 U	200 U	-	190 U	-	-
Phenanthrene	µg/kg	100	25	-	32	-	-
Phenol	µg/kg	61 U	66 U	-	62 U	-	-
Pyrene	µg/kg	86	26	-	15	-	-
Metals							
Aluminum	mg/kg	9500	12000	11000	9900	14000	15000
Antimony	mg/kg	1.1 UJ	18 J	1.1 UJ	36 J	1.2 UJ	1.1 UJ
Arsenic	mg/kg	5.5	8.4	8.6	5.3 J	3.4	8.1
Barium	mg/kg	90 J	120 J	130	80	120	130

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
						(Duplicate)
Parameters:	***Units***					
Metals (cont'd)						
Beryllium	mg/kg	0.49 J	0.64	1.6	0.51 J	0.60	0.62
Cadmium	mg/kg	0.22 U	0.45	0.71	0.36	0.24 U	0.23 U
Calcium	mg/kg	5900 J	43000 J	2300	84000	4000	3200
Chromium	mg/kg	27	4500	19	9500	21	23
Chromium VI (hexavalent)	mg/kg	0.98 U	8.3	0.95 U	13	0.71 J	0.99 U
Cobalt	mg/kg	5.1 J	7.7	9.8 J	4.2 J	7.8 J	7.1 J
Copper	mg/kg	60 J	1200 J	22	1700	17	17
Iron	mg/kg	16000	24000	22000	8200	21000	26000
Lead	mg/kg	17	29	14	33	11	9.6
Magnesium	mg/kg	2300	4600	3200	2700	4800	4400
Manganese	mg/kg	190	1100	440	300	150	120
Mercury	mg/kg	0.023 J	0.084 J	0.060 J	0.13	0.031 J	0.028 J
Nickel	mg/kg	29	2900	47 J	3200 J	30 J	29 J
Potassium	mg/kg	690	830	700	340 J	1100	1300
Selenium	mg/kg	0.54 U	0.58 U	0.56 U	0.97	0.60 U	0.57 U
Silver	mg/kg	0.54 U	0.13 J	0.56 U	0.18 J	0.60 U	0.30 J
Sodium	mg/kg	540 U	160 J	560 U	280 J	150 J	170 J
Thallium	mg/kg	1.1 U	1.3	1.1	6.1 U	1.2 U	0.78 J
Vanadium	mg/kg	20	33	22	14	19	28
Zinc	mg/kg	130	720	69	1100	73	78
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-208*	*SB-209*	*SB-209*	*SB-210*	*SB-210*	*SB-210*
	Sample ID:	*S-12616-080911-DN-19*	*S-12616-080911-DN-20*	*S-12616-080911-DN-21*	*S-12616-080911-DN-22*	*S-12616-080911-DN-23*	*S-12616-080911-DN-24*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(4-6) ft BGS*	*(0-2) ft BGS*	*(2-4) ft BGS*	*(0-2) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
							(Duplicate)
Parameters:	***Units***						
Diox Fur (cont'd)							
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
General Chemistry							
Cyanide (total)	mg/kg	R	R	0.61 U	1.4 J	R	R
Percent moisture	%	-	-	-	-	-	-

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	16 U	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	16 U	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	16 U	-	-
1,1-Dichloroethane	µg/kg	-	-	-	16 U	-	-
1,1-Dichloroethene	µg/kg	-	-	-	16 U	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	16 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	32 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	16 U	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	16 U	-	-
1,2-Dichloroethane	µg/kg	-	-	-	16 U	-	-
1,2-Dichloropropane	µg/kg	-	-	-	16 U	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	16 U	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	16 U	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	27 J	-	-
2-Hexanone	µg/kg	-	-	-	65 U	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	65 U	-	-
Acetone	µg/kg	-	-	-	83 U	-	-
Benzene	µg/kg	-	-	-	16 U	-	-
Bromodichloromethane	µg/kg	-	-	-	16 U	-	-
Bromoform	µg/kg	-	-	-	16 U	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	16 U	-	-
Carbon disulfide	µg/kg	-	-	-	11 J	-	-
Carbon tetrachloride	µg/kg	-	-	-	16 U	-	-
Chlorobenzene	µg/kg	-	-	-	16 U	-	-
Chloroethane	µg/kg	-	-	-	16 U	-	-
Chloroform (Trichloromethane)	µg/kg	-	-	-	16 U	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	16 U	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	16 U	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	16 U	-	-
Cyclohexane	µg/kg	-	-	-	32 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***						
Volatile Organic Compounds (cont'd)							
Dibromochloromethane	µg/kg	-	-	-	16 U	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	16 U	-	-
Ethylbenzene	µg/kg	-	-	-	2.4 J	-	-
Isopropyl benzene	µg/kg	-	-	-	16 U	-	-
Methyl acetate	µg/kg	-	-	-	32 U	-	-
Methyl cyclohexane	µg/kg	-	-	-	3.4 J	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	65 U	-	-
Methylene chloride	µg/kg	-	-	-	19	-	-
Styrene	µg/kg	-	-	-	16 U	-	-
Tetrachloroethene	µg/kg	-	-	-	1.7 J	-	-
Toluene	µg/kg	-	-	-	3.1 J	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	16 U	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	16 U	-	-
Trichloroethene	µg/kg	-	-	-	4.8 J	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	16 U	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	16 U	-	-
Vinyl chloride	µg/kg	-	-	-	16 U	-	-
Xylenes (total)	µg/kg	-	-	-	2.2 J	-	-
Semi-volatile Organic Compounds							
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/kg	-	-	-	2200 U	-	-
2,4,5-Trichlorophenol	µg/kg	-	-	-	3300 U	-	-
2,4,6-Trichlorophenol	µg/kg	-	-	-	3300 U	-	-
2,4-Dichlorophenol	µg/kg	-	-	-	3300 U	-	-
2,4-Dimethylphenol	µg/kg	-	-	-	3300 U	-	-
2,4-Dinitrophenol	µg/kg	-	-	-	7300 U	-	-
2,4-Dinitrotoluene	µg/kg	-	-	-	4400 U	-	-
2,6-Dinitrotoluene	µg/kg	-	-	-	4400 U	-	-
2-Chloronaphthalene	µg/kg	-	-	-	1100 U	-	-
2-Chlorophenol	µg/kg	-	-	-	1100 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Semi-volatile Organic Compounds (cont'd)							
2-Methylnaphthalene	µg/kg	-	-	-	150 U	-	-
2-Methylphenol	µg/kg	-	-	-	4400 U	-	-
2-Nitroaniline	µg/kg	-	-	-	4400 U	-	-
2-Nitrophenol	µg/kg	-	-	-	1100 U	-	-
3&4-Methylphenol	µg/kg	-	-	-	8800 U	-	-
3,3'-Dichlorobenzidine	µg/kg	-	-	-	2200 U	-	-
3-Nitroaniline	µg/kg	-	-	-	4400 U	-	-
4,6-Dinitro-2-methylphenol	µg/kg	-	-	-	3300 U	-	-
4-Bromophenyl phenyl ether	µg/kg	-	-	-	1100 U	-	-
4-Chloro-3-methylphenol	µg/kg	-	-	-	3300 U	-	-
4-Chloroaniline	µg/kg	-	-	-	3300 U	-	-
4-Chlorophenyl phenyl ether	µg/kg	-	-	-	1100 U	-	-
4-Nitroaniline	µg/kg	-	-	-	4400 U	-	-
4-Nitrophenol	µg/kg	-	-	-	7300 U	-	-
Acenaphthene	µg/kg	-	-	-	150 U	-	-
Acenaphthylene	µg/kg	-	-	-	150 U	-	-
Acetophenone	µg/kg	-	-	-	2200 U	-	-
Anthracene	µg/kg	-	-	-	150 U	-	-
Atrazine	µg/kg	-	-	-	4400 U	-	-
Benzaldehyde	µg/kg	-	-	-	2200 U	-	-
Benzo(a)anthracene	µg/kg	-	-	-	150 U	-	-
Benzo(a)pyrene	µg/kg	-	-	-	150 U	-	-
Benzo(b)fluoranthene	µg/kg	-	-	-	150 U	-	-
Benzo(g,h,i)perylene	µg/kg	-	-	-	150 U	-	-
Benzo(k)fluoranthene	µg/kg	-	-	-	150 U	-	-
Biphenyl (1,1-Biphenyl)	µg/kg	-	-	-	1100 U	-	-
bis(2-Chloroethoxy)methane	µg/kg	-	-	-	2200 U	-	-
bis(2-Chloroethyl)ether	µg/kg	-	-	-	2200 U	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	-	-	-	6300	-	-
Butyl benzylphthalate (BBP)	µg/kg	-	-	-	1100 U	-	-
Caprolactam	µg/kg	-	-	-	7300 U	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***						
Semi-volatile Organic Compounds (cont'd)							
Carbazole	µg/kg	-	-	-	1100 U	-	-
Chrysene	µg/kg	-	-	-	150 U	-	-
Dibenz(a,h)anthracene	µg/kg	-	-	-	150 U	-	-
Dibenzofuran	µg/kg	-	-	-	1100 U	-	-
Diethyl phthalate	µg/kg	-	-	-	1100 U	-	-
Dimethyl phthalate	µg/kg	-	-	-	1100 U	-	-
Di-n-butylphthalate (DBP)	µg/kg	-	-	-	1100 U	-	-
Di-n-octyl phthalate (DnOP)	µg/kg	-	-	-	1100 U	-	-
Fluoranthene	µg/kg	-	-	-	150 U	-	-
Fluorene	µg/kg	-	-	-	150 U	-	-
Hexachlorobenzene	µg/kg	-	-	-	150 U	-	-
Hexachlorobutadiene	µg/kg	-	-	-	1100 U	-	-
Hexachlorocyclopentadiene	µg/kg	-	-	-	7300 U	-	-
Hexachloroethane	µg/kg	-	-	-	1100 U	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	-	-	-	150 U	-	-
Isophorone	µg/kg	-	-	-	1100 U	-	-
Naphthalene	µg/kg	-	-	-	150 U	-	-
Nitrobenzene	µg/kg	-	-	-	2200 U	-	-
N-Nitrosodi-n-propylamine	µg/kg	-	-	-	1100 U	-	-
N-Nitrosodiphenylamine	µg/kg	-	-	-	1100 U	-	-
Pentachlorophenol	µg/kg	-	-	-	3300 U	-	-
Phenanthrene	µg/kg	-	-	-	150 U	-	-
Phenol	µg/kg	-	-	-	1100 U	-	-
Pyrene	µg/kg	-	-	-	150 U	-	-
Metals							
Aluminum	mg/kg	11000	9900	13000	4900	11000	10000
Antimony	mg/kg	1.2 UJ	0.46 J	16 J	26	0.99 UJ	0.58 J
Arsenic	mg/kg	17	7.9	12	15	9.6	11
Barium	mg/kg	220	85	110	270	70	62

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
	Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
	Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
	Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
	matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	*Units*						
Metals (cont'd)							
Beryllium	mg/kg	0.51 J	0.42 J	0.70 J	2.0 J	0.37 J	0.38 J
Cadmium	mg/kg	0.63	0.12 J	0.31 U	2.1 U	0.20 U	0.22 U
Calcium	mg/kg	2600	8400	49000	89000	46000	44000
Chromium	mg/kg	20	60	3900	37000	20	22
Chromium VI (hexavalent)	mg/kg	0.80 J	0.98 U	15	18	0.86 J	0.93 U
Cobalt	mg/kg	27 J	8.4 J	22 J	49 J	12 J	19 J
Copper	mg/kg	29	50	1300	10000	24	25
Iron	mg/kg	36000	24000	29000	9300	25000	26000
Lead	mg/kg	15	16	59	660	9.8	12
Magnesium	mg/kg	3800	4100	8000	5000 J	8500	8800
Manganese	mg/kg	3400	1400	390	150	350	770
Mercury	mg/kg	0.021 J	0.037 J	0.26	0.79	0.11 U	0.11 U
Nickel	mg/kg	69 J	44 J	2400 J	18000	32 J	48 J
Potassium	mg/kg	1400	890	1700	320 J	1600	1900
Selenium	mg/kg	0.58 U	0.56 U	0.78 U	5.4 U	0.50 U	0.56 U
Silver	mg/kg	0.58 U	0.56 U	0.78 U	1.3 J	0.50 U	0.56 U
Sodium	mg/kg	150 J	96 J	210 J	5400 U	89 J	74 J
Thallium	mg/kg	2.8	1.8	1.6 U	11 U	0.63 J	1.7
Vanadium	mg/kg	27	28	29	30 J	20	20
Zinc	mg/kg	71	220	860	5800	67	68
Diox Fur							
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-

TABLE 3A

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*SB-211*	*SB-211*	*SB-212*	*SB-212*	*SB-213*	*SB-213*
Sample ID:	*S-12616-080911-DN-25*	*S-12616-080911-DN-26*	*S-12616-080911-DN-28*	*S-12616-080911-DN-27*	*S-12616-080911-DN-29*	*S-12616-080911-DN-30*
Sample Date:	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*	*8/9/2011*
Sample Depth:	*(2-4) ft BGS*	*(4-6) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*	*(4-6) ft BGS*	*(6-8) ft BGS*
matrix_code	*SO*	*SO*	*SO*	*SO*	*SO*	*SO*
Parameters:	***Units***					
Diox Fur (cont'd)						
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzofuran (HpCDF)	pg/g	-	-	-	-	-	-
Total heptachlorodibenzo-p-dioxin (HpCDD)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzofuran (HxCDF)	pg/g	-	-	-	-	-	-
Total hexachlorodibenzo-p-dioxin (HxCDD)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzofuran (PeCDF)	pg/g	-	-	-	-	-	-
Total pentachlorodibenzo-p-dioxin (PeCDD)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzofuran (TCDF)	pg/g	-	-	-	-	-	-
Total tetrachlorodibenzo-p-dioxin (TCDD)	pg/g	-	-	-	-	-	-
General Chemistry							
Cyanide (total)	mg/kg	R	R	1.6 J	18 J	R	R
Percent moisture	%	-	-	-	-	-	-

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.
- - Not analyzed.

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ*	*WQ*
		(other)	*(other)*
Parameters:	***Units***		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/L	-	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	-	1.0 U
1,1,2-Trichloroethane	µg/L	-	1.0 U
1,1-Dichloroethane	µg/L	-	1.0 U
1,1-Dichloroethene	µg/L	-	1.0 U
1,2,4-Trichlorobenzene	µg/L	-	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	-	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	-	1.0 U
1,2-Dichlorobenzene	µg/L	-	1.0 U
1,2-Dichloroethane	µg/L	-	1.0 U
1,2-Dichloropropane	µg/L	-	1.0 U
1,3-Dichlorobenzene	µg/L	-	1.0 U
1,4-Dichlorobenzene	µg/L	-	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	-	1.6 J
2-Hexanone	µg/L	-	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	-	10 U
Acetone	µg/L	-	22
Benzene	µg/L	-	1.0 U
Bromodichloromethane	µg/L	-	1.0 U
Bromoform	µg/L	-	1.0 U
Bromomethane (Methyl bromide)	µg/L	-	1.0 U
Carbon disulfide	µg/L	-	1.0 U
Carbon tetrachloride	µg/L	-	1.0 U
Chlorobenzene	µg/L	-	1.0 U
Chloroethane	µg/L	-	1.0 U
Chloroform (Trichloromethane)	µg/L	-	1.0 U
Chloromethane (Methyl chloride)	µg/L	-	1.0 U
cis-1,2-Dichloroethene	µg/L	-	1.0 U
cis-1,3-Dichloropropene	µg/L	-	1.0 U
Cyclohexane	µg/L	-	1.0 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ*	*WQ*
		(other)	*(other)*
Parameters:	***Units***		
Volatile Organic Compounds (cont'd)			
Dibromochloromethane	µg/L	-	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	-	1.0 U
Ethylbenzene	µg/L	-	1.0 U
Isopropyl benzene	µg/L	-	1.0 U
Methyl acetate	µg/L	-	10 U
Methyl cyclohexane	µg/L	-	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	-	5.0 U
Methylene chloride	µg/L	-	1.0 U
Styrene	µg/L	-	1.0 U
Tetrachloroethene	µg/L	-	1.0 U
Toluene	µg/L	-	0.41 J
trans-1,2-Dichloroethene	µg/L	-	1.0 U
trans-1,3-Dichloropropene	µg/L	-	1.0 U
Trichloroethene	µg/L	-	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	-	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	-	1.0 U
Vinyl chloride	µg/L	-	1.0 U
Xylenes (total)	µg/L	-	2.0 U
Semi-volatile Organic Compounds			
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	µg/L	-	0.96 U
2,4,5-Trichlorophenol	µg/L	-	4.8 U
2,4,6-Trichlorophenol	µg/L	-	4.8 U
2,4-Dichlorophenol	µg/L	-	1.9 U
2,4-Dimethylphenol	µg/L	-	1.9 U
2,4-Dinitrophenol	µg/L	-	4.8 U
2,4-Dinitrotoluene	µg/L	-	4.8 U
2,6-Dinitrotoluene	µg/L	-	4.8 U
2-Chloronaphthalene	µg/L	-	0.96 U
2-Chlorophenol	µg/L	-	0.96 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ*	*WQ*
		(other)	*(other)*
Parameters:	***Units***		
Semi-volatile Organic Compounds (cont'd)			
2-Methylnaphthalene	µg/L	-	0.19 U
2-Methylphenol	µg/L	-	0.96 U
2-Nitroaniline	µg/L	-	1.9 U
2-Nitrophenol	µg/L	-	1.9 U
3&4-Methylphenol	µg/L	-	1.9 U
3,3'-Dichlorobenzidine	µg/L	-	4.8 U
3-Nitroaniline	µg/L	-	1.9 U
4,6-Dinitro-2-methylphenol	µg/L	-	4.8 U
4-Bromophenyl phenyl ether	µg/L	-	1.9 U
4-Chloro-3-methylphenol	µg/L	-	1.9 U
4-Chloroaniline	µg/L	-	1.9 U
4-Chlorophenyl phenyl ether	µg/L	-	1.9 U
4-Nitroaniline	µg/L	-	1.9 U
4-Nitrophenol	µg/L	-	4.8 U
Acenaphthene	µg/L	-	0.19 U
Acenaphthylene	µg/L	-	0.19 U
Acetophenone	µg/L	-	0.56 J
Anthracene	µg/L	-	0.19 U
Atrazine	µg/L	-	0.96 U
Benzaldehyde	µg/L	-	0.96 U
Benzo(a)anthracene	µg/L	-	0.19 U
Benzo(a)pyrene	µg/L	-	0.19 U
Benzo(b)fluoranthene	µg/L	-	0.19 U
Benzo(g,h,i)perylene	µg/L	-	0.19 U
Benzo(k)fluoranthene	µg/L	-	0.19 U
Biphenyl (1,1-Biphenyl)	µg/L	-	0.96 U
bis(2-Chloroethoxy)methane	µg/L	-	0.96 U
bis(2-Chloroethyl)ether	µg/L	-	0.96 U
bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	-	1.9 U
Butyl benzylphthalate (BBP)	µg/L	-	0.96 U
Caprolactam	µg/L	-	4.8 U

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ*	*WQ*
		(other)	*(other)*
Parameters:	***Units***		
Semi-volatile Organic Compounds (cont'd)			
Carbazole	µg/L	-	0.96 U
Chrysene	µg/L	-	0.19 U
Dibenz(a,h)anthracene	µg/L	-	0.19 U
Dibenzofuran	µg/L	-	0.96 U
Diethyl phthalate	µg/L	-	0.96 U
Dimethyl phthalate	µg/L	-	0.96 U
Di-n-butylphthalate (DBP)	µg/L	-	0.96 U
Di-n-octyl phthalate (DnOP)	µg/L	-	0.96 U
Fluoranthene	µg/L	-	0.19 U
Fluorene	µg/L	-	0.19 U
Hexachlorobenzene	µg/L	-	0.19 U
Hexachlorobutadiene	µg/L	-	0.96 U
Hexachlorocyclopentadiene	µg/L	-	9.6 U
Hexachloroethane	µg/L	-	0.96 U
Indeno(1,2,3-cd)pyrene	µg/L	-	0.19 U
Isophorone	µg/L	-	0.96 U
Naphthalene	µg/L	-	0.19 U
Nitrobenzene	µg/L	-	0.96 U
N-Nitrosodi-n-propylamine	µg/L	-	0.96 U
N-Nitrosodiphenylamine	µg/L	-	0.96 U
Pentachlorophenol	µg/L	-	4.8 U
Phenanthrene	µg/L	-	0.19 U
Phenol	µg/L	-	0.96 U
Pyrene	µg/L	-	0.19 U
Metals			
Aluminum	µg/L	200 U	200 U
Antimony	µg/L	2.2 J	10 U
Arsenic	µg/L	10 U	10 U
Barium	µg/L	13 J	5.7 J

TABLE 3B

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*
	Sample ID:	*RB-080811-01*	*RB-080911-01*
	Sample Date:	*8/8/2011*	*8/9/2011*
	Sample Depth:	*-*	*-*
	matrix_code	*WQ*	*WQ*
		(other)	*(other)*
Parameters:	***Units***		
Metals (cont'd)			
Beryllium	µg/L	5.0 U	5.0 U
Cadmium	µg/L	2.0 U	2.0 U
Calcium	µg/L	38000	17000
Chromium	µg/L	5.0 U	5.0 U
Chromium VI (hexavalent)	mg/L	0.020 U	0.020 U
Cobalt	µg/L	7.0 U	7.0 U
Copper	µg/L	25 U	25 U
Iron	µg/L	100 U	100 U
Lead	µg/L	3.0 U	3.0 U
Magnesium	µg/L	17000	7800
Manganese	µg/L	1.2 J	0.79 J
Mercury	µg/L	0.20 U	0.20 U
Nickel	µg/L	40 U	40 U
Potassium	µg/L	2600 J	1200 J
Selenium	µg/L	5.0 U	5.0 U
Silver	µg/L	5.0 U	5.0 U
Sodium	µg/L	42000	20000
Thallium	µg/L	10 U	10 U
Vanadium	µg/L	7.0 U	7.0 U
Zinc	µg/L	50 U	50 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
- - Not analyzed.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Ethylbenzene	S-12616-080811-DN-01	> 48 Hours	48 Hours	5.5 UJ	µg/Kg
	Styrene				5.5 UJ	µg/Kg
	cis-1,3-Dichloropropene				5.5 UJ	µg/Kg
	trans-1,3-Dichloropropene				5.5 UJ	µg/Kg
	1,4-Dichlorobenzene				5.5 UJ	µg/Kg
	1,2-Dibromoethane (Ethylene dibromide)				5.5 UJ	µg/Kg
	1,2-Dichloroethane				5.5 UJ	µg/Kg
	4-Methyl-2-pentanone				0.64 J	µg/Kg
	Methyl cyclohexane				11 UJ	µg/Kg
	Toluene				5.5 UJ	µg/Kg
	Chlorobenzene				5.5 UJ	µg/Kg
	Cyclohexane				11 UJ	µg/Kg
	1,2,4-Trichlorobenzene				5.5 UJ	µg/Kg
	Dibromochloromethane				5.5 UJ	µg/Kg
	Tetrachloroethene				5.5 UJ	µg/Kg
	Xylenes (total)				11 UJ	µg/Kg
	cis-1,2-Dichloroethene				5.5 UJ	µg/Kg
	trans-1,2-Dichloroethene				5.5 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				22 UJ	µg/Kg
	1,3-Dichlorobenzene				5.5 UJ	µg/Kg
	Carbon tetrachloride				5.5 UJ	µg/Kg
	2-Hexanone				22 UJ	µg/Kg
	Acetone				22 J	µg/Kg
	Chloroform (Trichloromethane)				5.5 UJ	µg/Kg
	Benzene				5.5 UJ	µg/Kg
	1,1,1-Trichloroethane				5.5 UJ	µg/Kg
	Bromomethane (Methyl bromide)				5.5 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Chloromethane (Methyl chloride)	S-12616-080811-DN-01	> 48 Hours	48 Hours	5.5 UJ	µg/Kg
	Chloroethane				5.5 UJ	µg/Kg
	Vinyl chloride				5.5 UJ	µg/Kg
	Methylene chloride				2.5 J	µg/Kg
	Carbon disulfide				2.7 J	µg/Kg
	Bromoform				5.5 UJ	µg/Kg
	Bromodichloromethane				5.5 UJ	µg/Kg
	1,1-Dichloroethane				5.5 UJ	µg/Kg
	1,1-Dichloroethene				5.5 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				5.5 UJ	µg/Kg
	Dichlorodifluoromethane (CFC-12)				5.5 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				5.5 UJ	µg/Kg
	1,2-Dichloropropane				5.5 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				22 UJ	µg/Kg
	1,1,2-Trichloroethane				5.5 UJ	µg/Kg
	Trichloroethene				5.5 UJ	µg/Kg
	Methyl acetate				11 UJ	µg/Kg
	1,1,2,2-Tetrachloroethane				5.5 UJ	µg/Kg
	1,2-Dichlorobenzene				5.5 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				11 UJ	µg/Kg
	Isopropyl benzene				5.5 UJ	µg/Kg
VOCs	Ethylbenzene	S-12616-080811-DN-05	> 48 Hours	48 Hours	260 J	µg/Kg
	Styrene				270 UJ	µg/Kg
	cis-1,3-Dichloropropene				270 UJ	µg/Kg
	trans-1,3-Dichloropropene				270 UJ	µg/Kg
	1,4-Dichlorobenzene				270 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	1,2-Dibromoethane (Ethylene dibromide)	S-12616-080811-DN-05	> 48 Hours	48 Hours	270 UJ	µg/Kg
	1,2-Dichloroethane				270 UJ	µg/Kg
	4-Methyl-2-pentanone				1100 UJ	µg/Kg
	Methyl cyclohexane				230 J	µg/Kg
	Toluene				120 J	µg/Kg
	Chlorobenzene				270 UJ	µg/Kg
	Cyclohexane				540 UJ	µg/Kg
	1,2,4-Trichlorobenzene				16 J	µg/Kg
	Dibromochloromethane				270 UJ	µg/Kg
	Tetrachloroethene				270 UJ	µg/Kg
	Xylenes (total)				2000 J	µg/Kg
	cis-1,2-Dichloroethene				270 UJ	µg/Kg
	trans-1,2-Dichloroethene				270 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				1100 UJ	µg/Kg
	1,3-Dichlorobenzene				270 UJ	µg/Kg
	Carbon tetrachloride				270 UJ	µg/Kg
	2-Hexanone				1100 UJ	µg/Kg
	Acetone				1100 UJ	µg/Kg
	Chloroform (Trichloromethane)				270 UJ	µg/Kg
	Benzene				270 UJ	µg/Kg
	1,1,1-Trichloroethane				270 UJ	µg/Kg
	Bromomethane (Methyl bromide)				270 UJ	µg/Kg
	Chloromethane (Methyl chloride)				270 UJ	µg/Kg
	Chloroethane				270 UJ	µg/Kg
	Vinyl chloride				270 UJ	µg/Kg
	Methylene chloride				270 UJ	µg/Kg
	Carbon disulfide				50 J	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Bromoform	S-12616-080811-DN-05	> 48 Hours	48 Hours	270 UJ	µg/Kg
	Bromodichloromethane				270 UJ	µg/Kg
	1,1-Dichloroethane				270 UJ	µg/Kg
	1,1-Dichloroethene				270 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				270 UJ	µg/Kg
	Dichlorodifluoromethane (CFC-12)				270 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				270 UJ	µg/Kg
	1,2-Dichloropropane				270 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				1100 UJ	µg/Kg
	1,1,2-Trichloroethane				270 UJ	µg/Kg
	Trichloroethene				25 J	µg/Kg
	Methyl acetate				72 J	µg/Kg
	1,1,2,2-Tetrachloroethane				270 UJ	µg/Kg
	1,2-Dichlorobenzene				270 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				540 UJ	µg/Kg
	Isopropyl benzene				53 J	µg/Kg
VOCs	Ethylbenzene	S-12616-080811-DN-13	> 48 Hours	48 Hours	4.4 UJ	µg/Kg
	Styrene				4.4 UJ	µg/Kg
	cis-1,3-Dichloropropene				4.4 UJ	µg/Kg
	trans-1,3-Dichloropropene				4.4 UJ	µg/Kg
	1,4-Dichlorobenzene				4.4 UJ	µg/Kg
	1,2-Dibromoethane (Ethylene dibromide)				4.4 UJ	µg/Kg
	1,2-Dichloroethane				4.4 UJ	µg/Kg
	4-Methyl-2-pentanone				0.51 J	µg/Kg
	Methyl cyclohexane				0.89 J	µg/Kg
	Toluene				0.28 J	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Chlorobenzene	S-12616-080811-DN-13	> 48 Hours	48 Hours	4.4 UJ	µg/Kg
	Cyclohexane				8.8 UJ	µg/Kg
	1,2,4-Trichlorobenzene				4.4 UJ	µg/Kg
	Dibromochloromethane				4.4 UJ	µg/Kg
	Tetrachloroethene				4.4 UJ	µg/Kg
	Xylenes (total)				8.8 UJ	µg/Kg
	cis-1,2-Dichloroethene				4.4 UJ	µg/Kg
	trans-1,2-Dichloroethene				4.4 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				18 UJ	µg/Kg
	1,3-Dichlorobenzene				4.4 UJ	µg/Kg
	Carbon tetrachloride				4.4 UJ	µg/Kg
	2-Hexanone				18 UJ	µg/Kg
	Acetone				31 J	µg/Kg
	Chloroform (Trichloromethane)				4.4 UJ	µg/Kg
	Benzene				4.4 UJ	µg/Kg
	1,1,1-Trichloroethane				4.4 UJ	µg/Kg
	Bromomethane (Methyl bromide)				4.4 UJ	µg/Kg
	Chloromethane (Methyl chloride)				4.4 UJ	µg/Kg
	Chloroethane				4.4 UJ	µg/Kg
	Vinyl chloride				4.4 UJ	µg/Kg
	Methylene chloride				1.6 J	µg/Kg
	Carbon disulfide				3.6 J	µg/Kg
	Bromoform				4.4 UJ	µg/Kg
	Bromodichloromethane				4.4 UJ	µg/Kg
	1,1-Dichloroethane				4.4 UJ	µg/Kg
	1,1-Dichloroethene				4.4 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				4.4 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Sample ID*	*Holding Time (days)*	*Holding Time Criteria (days)*	*Qualified Sample Results*	*Units*
VOCs	Dichlorodifluoromethane (CFC-12)	S-12616-080811-DN-13	> 48 Hours	48 Hours	4.4 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				4.4 UJ	µg/Kg
	1,2-Dichloropropane				4.4 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				18 UJ	µg/Kg
	1,1,2-Trichloroethane				4.4 UJ	µg/Kg
	Trichloroethene				0.40 J	µg/Kg
	Methyl acetate				8.8 UJ	µg/Kg
	1,1,2,2-Tetrachloroethane				4.4 UJ	µg/Kg
	1,2-Dichlorobenzene				4.4 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				8.8 UJ	µg/Kg
	Isopropyl benzene				4.4 UJ	µg/Kg
General Chemistry	Cyanide (total)	S-12616-080911-DN-27	29	14	18 J	mg/Kg

Notes:

VOCs Volatile Organic Compounds.
J Estimated.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
Metals	08/12/11	Chromium	0.737	S-12616-080811-DN-12	3.4 U	mg/Kg
Dioxins	08/18/11	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	0.11	S-12616-080911-DN-18	6.0 U	pg/g
		1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	0.34		6.0 U	pg/g

Notes:

U Not Detected.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080911-DN-21	Antimony	30	29	3	75-125	0-20	1.1 UJ	mg/Kg
	S-12616-080911-DN-22							36 J	mg/Kg
	S-12616-080911-DN-23							1.2 UJ	mg/Kg
	S-12616-080911-DN-24							1.1 UJ	mg/Kg
	S-12616-080911-DN-25							1.2 UJ	mg/Kg
	S-12616-080911-DN-26							0.46 J	mg/Kg
	S-12616-080911-DN-28							16 J	mg/Kg
	S-12616-080911-DN-29							0.99 UJ	mg/Kg
	S-12616-080911-DN-30							0.58 J	mg/Kg
Metals	S-12616-080911-DN-21	Cobalt	73	73	1	75-125	0-20	9.8 J	mg/Kg
	S-12616-080911-DN-22							4.2 J	mg/Kg
	S-12616-080911-DN-23							7.8 J	mg/Kg
	S-12616-080911-DN-24							7.1 J	mg/Kg
	S-12616-080911-DN-25							27 J	mg/Kg
	S-12616-080911-DN-26							8.4 J	mg/Kg
	S-12616-080911-DN-28							22 J	mg/Kg
	S-12616-080911-DN-29							12 J	mg/Kg
	S-12616-080911-DN-30							19 J	mg/Kg
Metals	S-12616-080911-DN-21	Nickel	62	60	1	75-125	0-20	47 J	mg/Kg
	S-12616-080911-DN-22							3200 J	mg/Kg
	S-12616-080911-DN-23							30 J	mg/Kg
	S-12616-080911-DN-24							29 J	mg/Kg
	S-12616-080911-DN-25							69 J	mg/Kg
	S-12616-080911-DN-26							44 J	mg/Kg
	S-12616-080911-DN-28							2400 J	mg/Kg
	S-12616-080911-DN-29							32 J	mg/Kg
	S-12616-080911-DN-30							48 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080811-DN-01	Antimony	36	39	7	75-125	0-20	1.1 UJ	mg/Kg
	S-12616-080811-DN-02							1.1 UJ	mg/Kg
	S-12616-080811-DN-03							2.1 J	mg/Kg
	S-12616-080811-DN-04							1.2 UJ	mg/Kg
	S-12616-080811-DN-05							1.2 UJ	mg/Kg
	S-12616-080811-DN-06							1.6 J	mg/Kg
	S-12616-080811-DN-07							1.1 UJ	mg/Kg
	S-12616-080811-DN-08							0.56 J	mg/Kg
	S-12616-080811-DN-09							1.2 UJ	mg/Kg
	S-12616-080811-DN-10							1.1 UJ	mg/Kg
	S-12616-080811-DN-11							2.2 J	mg/Kg
	S-12616-080811-DN-12							1.1 UJ	mg/Kg
	S-12616-080811-DN-13							1.1 UJ	mg/Kg
	S-12616-080911-DN-14							1.2 UJ	mg/Kg
	S-12616-080911-DN-15							1.2 UJ	mg/Kg
	S-12616-080911-DN-16							1.2 UJ	mg/Kg
	S-12616-080911-DN-17							1.2 UJ	mg/Kg
	S-12616-080911-DN-19							1.1 UJ	mg/Kg
	S-12616-080911-DN-20							18 J	mg/Kg
Metals	S-12616-080811-DN-01	Barium	617	90	132	75-125	0-20	250 J	mg/Kg
	S-12616-080811-DN-02							28 J	mg/Kg
	S-12616-080811-DN-03							420 J	mg/Kg
	S-12616-080811-DN-04							63 J	mg/Kg
	S-12616-080811-DN-05							93 J	mg/Kg
	S-12616-080811-DN-06							67 J	mg/Kg
	S-12616-080811-DN-07							94 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080811-DN-08	Barium	617	90	132	75-125	0-20	96 J	mg/Kg
	S-12616-080811-DN-09							120 J	mg/Kg
	S-12616-080811-DN-10							100 J	mg/Kg
	S-12616-080811-DN-11							110 J	mg/Kg
	S-12616-080811-DN-12							290 J	mg/Kg
	S-12616-080811-DN-13							230 J	mg/Kg
	S-12616-080911-DN-14							52 J	mg/Kg
	S-12616-080911-DN-15							36 J	mg/Kg
	S-12616-080911-DN-16							110 J	mg/Kg
	S-12616-080911-DN-17							96 J	mg/Kg
	S-12616-080911-DN-19							90 J	mg/Kg
	S-12616-080911-DN-20							120 J	mg/Kg
Metals	S-12616-080811-DN-01	Calcium	57	74	5	75-125	0-20	250000 J	mg/Kg
	S-12616-080811-DN-02							1600 J	mg/Kg
	S-12616-080811-DN-03							16000 J	mg/Kg
	S-12616-080811-DN-04							3800 J	mg/Kg
	S-12616-080811-DN-05							2500 J	mg/Kg
	S-12616-080811-DN-06							4300 J	mg/Kg
	S-12616-080811-DN-07							1800 J	mg/Kg
	S-12616-080811-DN-08							4000 J	mg/Kg
	S-12616-080811-DN-09							2700 J	mg/Kg
	S-12616-080811-DN-10							3600 J	mg/Kg
	S-12616-080811-DN-11							16000 J	mg/Kg
	S-12616-080811-DN-12							260000 J	mg/Kg
	S-12616-080811-DN-13							200000 J	mg/Kg
	S-12616-080911-DN-14							1200 J	mg/Kg
	S-12616-080911-DN-15							2500 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
Metals	S-12616-080911-DN-16	Calcium	57	74	5	75-125	0-20	18000 J	mg/Kg
	S-12616-080911-DN-17							2500 J	mg/Kg
	S-12616-080911-DN-19							5900 J	mg/Kg
	S-12616-080911-DN-20							43000 J	mg/Kg
Metals	S-12616-080811-DN-01	Copper	305	143	26	75-125	0-20	1.7 J	mg/Kg
	S-12616-080811-DN-02							16 J	mg/Kg
	S-12616-080811-DN-03							26000 J	mg/Kg
	S-12616-080811-DN-04							190 J	mg/Kg
	S-12616-080811-DN-05							66 J	mg/Kg
	S-12616-080811-DN-06							4300 J	mg/Kg
	S-12616-080811-DN-07							35 J	mg/Kg
	S-12616-080811-DN-08							6000 J	mg/Kg
	S-12616-080811-DN-09							30 J	mg/Kg
	S-12616-080811-DN-10							230 J	mg/Kg
	S-12616-080811-DN-11							7700 J	mg/Kg
	S-12616-080811-DN-12							1.5 J	mg/Kg
	S-12616-080811-DN-13							35 J	mg/Kg
	S-12616-080911-DN-14							7.9 J	mg/Kg
	S-12616-080911-DN-15							26 J	mg/Kg
	S-12616-080911-DN-16							120 J	mg/Kg
	S-12616-080911-DN-17							26 J	mg/Kg
	S-12616-080911-DN-19							60 J	mg/Kg
	S-12616-080911-DN-20							1200 J	mg/Kg

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
General Chemistry	S-12616-080811-DN-13	Cyanide	18	21	13	50-134	0-20	1.1 J	mg/Kg
	S-12616-080911-DN-16							R	mg/Kg
	S-12616-080911-DN-19							R	mg/Kg
	S-12616-080911-DN-20							R	mg/Kg
	S-12616-080911-DN-22							1.4 J	mg/Kg
	S-12616-080911-DN-23							R	mg/Kg
	S-12616-080911-DN-24							R	mg/Kg
	S-12616-080911-DN-25							R	mg/Kg
	S-12616-080911-DN-26							R	mg/Kg
	S-12616-080911-DN-28							1.6 J	mg/Kg
	S-12616-080911-DN-29							R	mg/Kg
	S-12616-080911-DN-30							R	mg/Kg

Notes:

MS Matrix Spike.
MSD Matrix Spike Duplicate.
RPD Relative Percent Difference.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
J Estimated.
R Rejected.

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Compound*	*Percent Recovery*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	Chloroethane	28	58-117	S-12616-080811-DN-01	5.5 UJ	µg/Kg
				S-12616-080811-DN-13	4.4 UJ	µg/Kg
				S-12616-080911-DN-16	5.4 UJ	µg/Kg
				S-12616-080911-DN-19	5.0 UJ	µg/Kg
				S-12616-080911-DN-20	7.1 UJ	µg/Kg
				S-12616-080911-DN-22	7.1 UJ	µg/Kg

Notes:

VOCs Volatile Organic Compounds.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Rinse Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	08/09/11	Acetone	22	S-12616-080911-DN-27	83 U	µg/Kg

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
REMEDIAL INVESTIGATION-SOIL SAMPLING
RACER TRUST
ELYRIA, OHIO
AUGUST 2011

Parameter	*Analyte*	*Original Sample ID*	*Qualified Sample Result*	*Duplicate Sample ID*	*Qualified Sample Result*	*RPD*	*Units*
Metals	Calcium	S-12616-080811-DN-06	4300 J	S-12616-080811-DN-11	16000 J	115	mg/Kg
	Chromium		170 J		860 J	134	mg/Kg
	Manganese		260 J		1600 J	144	mg/Kg
	Silver		0.92 J		3.9 J	124	mg/Kg
	Sodium		390 J		1400 J	113	mg/Kg
	Zinc		4400 J		19000 J	125	mg/Kg

Notes:

RPD Relative Percent Difference.
J Estimated.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew Lavine

REF. NO.: 012616

FROM: Angela Bown/bjw/4-NF

DATE: September 26, 2011

CC: Karen Partington

RE: Data Quality Assessment and Validation
Remedial Investigation-Groundwater Sampling
General Motors Corporation
Elyria, Ohio
August 2011

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the August 2011 collection of 38 water samples including quality control samples from the General Motors Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc in North Canton, Ohio (TestAmerica) in accordance with the methodologies presented in Table 2. Table 3 presents the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOC) below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

The samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the sample analyses.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of two (2) rinse blank samples, two (2) trip blank samples, and two (2) field duplicate sample sets.

Rinse Blanks & Trip Blanks

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

To assess the efficiency of field decontamination procedures and cleanliness of sample containers, the rinse blanks were collected and analyzed.

Target compounds were detected in the trip blank and rinse blank samples. Table 4 presents the sample data that were qualified due to analyte concentrations in the trip and rinse blank samples.

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value.

The data indicate that an adequate level of precision was achieved for the sampling event.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

				Analysis/Parameters	
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
TB-082411-001	Trip Blank	8/24/2011	-	X	
TB-082911-003	Trip Blank	8/29/2011	-	X	
WG-12616-082311-DN-01	P-15	8/23/2011	4:05:00 PM	X	
WG-12616-082311-DN-02	P-15T	8/23/2011	5:55:00 PM	X	
WG-12616-082411-DN-03	P-18	8/24/2011	9:05:00 AM	X	
WG-12616-082411-DN-04	P-18T	8/24/2011	10:30:00 AM	X	
WG-12616-082411-DN-05	P-02	8/24/2011	11:50:00 AM	X	
WG-12616-082411-DN-06	P-02T	8/24/2011	1:15:00 PM	X	
WG-12616-082411-DN-07	OW-1R	8/24/2011	3:20:00 PM	X	
WG-12616-082411-DN-08	FD-07	8/24/2011	4:40:00 PM	X	
WG-12616-082411-DN-09	FD-08R	8/24/2011	6:05:00 PM	X	
WG-12616-082511-DN-10	P-12TR	8/25/2011	9:25:00 AM	X	
WG-12616-082511-DN-11	P-12TR	8/25/2011	9:50:00 AM	X	WG-12616-082511-DN-10
WG-12616-082511-DN-12	P-12	8/25/2011	12:40:00 PM	X	
WG-12616-082511-DN-13	P-03T	8/25/2011	2:00:00 PM	X	
WG-12616-082511-DN-14	P-03R	8/25/2011	3:10:00 PM	X	
WG-12616-082511-DN-15	P-16	8/25/2011	4:35:00 PM	X	
WG-12616-082511-DN-16	P-16T	8/25/2011	6:05:00 PM	X	
WG-12616-082511-DN-17	P-14	8/25/2011	7:45:00 PM	X	
WG-12616-082611-DN-18	P-14T	8/26/2011	7:30:00 AM	X	
WG-12616-082611-DN-19	P-08T	8/26/2011	2:00:00 PM	X	
WG-12616-082611-DN-20	P-21	8/26/2011	8:40:00 AM	X	
WG-12616-082611-DN-21	P-21T	8/26/2011	9:50:00 AM	X	MS/MSD
WG-12616-082611-DN-22	P-08R	8/26/2011	11:20:00 AM	X	
WG-12616-082611-DN-23	P-08T	8/26/2011	3:10:00 PM	X	WG-12616-082611-DN-19

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

				Analysis/Parameters	
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
WG-12616-082611-DN-24	Equipment Blank	8/26/2011	4:00:00 PM	X	Equipment Blank
WG-12616-082611-DN-25	P-05SR	8/26/2011	4:45:00 PM	X	
WG-12616-082611-DN-26	P-05R	8/26/2011	5:50:00 PM	X	
WG-12616-082911-DN-27	FD-06	8/29/2011	8:15:00 AM	X	
WG-12616-082911-DN-28	MW-16R	8/29/2011	11:20:00 AM	X	
WG-12616-082911-DN-29	FD-05	8/29/2011	1:20:00 PM	X	
WG-12616-082911-DN-30	MW-15R	8/29/2011	2:40:00 PM	X	
WG-12616-082911-DN-31	MW-15R	8/29/2011	12:45:00 PM	X	WG-12616-082911-DN-30
WG-12616-082911-DN-32	FD-02	8/29/2011	5:25:00 PM	X	
WG-12616-082911-DN-33	FD-01	8/29/2011	4:05:00 PM	X	
WG-12616-082911-DN-34	FD-03	8/29/2011	6:40:00 PM	X	
WG-12616-082911-DN-35	FD-04	8/29/2011	8:10:00 PM	X	
WG-12616-082911-DN-36	Equipment Blank	8/29/2011	8:20:00 PM	X	Equipment Blank

Notes:

VOCs Volatile Organic Compounds.
MS Matrix Spike.
MSD Matrix Spike Duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Method*
VOCs	SW-846 8260[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCs Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*	*FD-01*	*FD-02*	*FD-03*
	Sample ID:	*WG-12616-082611-DN-24*	*WG-12616-082911-DN-36*	*WG-12616-082911-DN-33*	*WG-12616-082911-DN-32*	*WG-12616-082911-DN-34*
	Sample Date:	*8/26/2011*	*8/29/2011*	*8/29/2011*	*8/29/2011*	*8/29/2011*
		(other)				
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	1.7 J	1.1 J	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	30	28	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*Equipment Blank*	*Equipment Blank*	*FD-01*	*FD-02*	*FD-03*
	Sample ID:	*WG-12616-082611-DN-24*	*WG-12616-082911-DN-36*	*WG-12616-082911-DN-33*	*WG-12616-082911-DN-32*	*WG-12616-082911-DN-34*
	Sample Date:	*8/26/2011*	*8/29/2011*	*8/29/2011*	*8/29/2011*	*8/29/2011*
		(other)				
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	0.17 J	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*FD-04*	*FD-05*	*FD-06*	*FD-07*	*FD-08R*
Sample ID:	*WG-12616-082911-DN-35*	*WG-12616-082911-DN-29*	*WG-12616-082911-DN-27*	*WG-12616-082411-DN-08*	*WG-12616-082411-DN-09*
Sample Date:	*8/29/2011*	*8/29/2011*	*8/29/2011*	*8/24/2011*	*8/24/2011*
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	3.3 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	17 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	17 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	17 U	10 U	10 U	10 U
Acetone	µg/L	10 U	17 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	66	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*FD-04*	*FD-05*	*FD-06*	*FD-07*	*FD-08R*
	Sample ID:	*WG-12616-082911-DN-35*	*WG-12616-082911-DN-29*	*WG-12616-082911-DN-27*	*WG-12616-082411-DN-08*	*WG-12616-082411-DN-09*
	Sample Date:	*8/29/2011*	*8/29/2011*	*8/29/2011*	*8/24/2011*	*8/24/2011*
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	17 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	8.3 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	4.3	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.7 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	35	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	3.3 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:		*MW-15R*	*MW-15R*	*MW-16R*	*OW-1R*	*P-02*
Sample ID:		*WG-12616-082911-DN-30*	*WG-12616-082911-DN-31*	*WG-12616-082911-DN-28*	*WG-12616-082411-DN-07*	*WG-12616-082411-DN-05*
Sample Date:		*8/29/2011*	*8/29/2011* *(Duplicate)*	*8/29/2011*	*8/24/2011*	*8/24/2011*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	0.15 J	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.46 J	1.0 U	1.8	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*MW-15R*	*MW-15R*	*MW-16R*	*OW-1R*	*P-02*
	Sample ID:	*WG-12616-082911-DN-30*	*WG-12616-082911-DN-31*	*WG-12616-082911-DN-28*	*WG-12616-082411-DN-07*	*WG-12616-082411-DN-05*
	Sample Date:	*8/29/2011*	*8/29/2011* *(Duplicate)*	*8/29/2011*	*8/24/2011*	*8/24/2011*
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	0.22 J	31	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*P-02T*	*P-03R*	*P-03T*	*P-05R*	*P-05SR*
Sample ID:	*WG-12616-082411-DN-06*	*WG-12616-082511-DN-14*	*WG-12616-082511-DN-13*	*WG-12616-082611-DN-26*	*WG-12616-082611-DN-25*
Sample Date:	*8/24/2011*	*8/25/2011*	*8/25/2011*	*8/26/2011*	*8/26/2011*
Parameters: ***Units***					
Volatile Organic Compounds					
1,1,1-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,1,2,2-Tetrachloroethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,1,2-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,1-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,1-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,2,4-Trichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP) µg/L	2.0 U	2.0 U	2.0 U	36 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide) µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,2-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,2-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,2-Dichloropropane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,3-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
1,4-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK) µg/L	10 U	10 U	10 U	180 U	10 U
2-Hexanone µg/L	10 U	10 U	10 U	180 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) µg/L	10 U	10 U	10 U	180 U	10 U
Acetone µg/L	10 U	1.2 J	1.5 J	180 U	10 U
Benzene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Bromodichloromethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Bromoform µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Bromomethane (Methyl bromide) µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Carbon disulfide µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Carbon tetrachloride µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Chlorobenzene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Chloroethane µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Chloroform (Trichloromethane) µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Chloromethane (Methyl chloride) µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
cis-1,2-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	450	4.5
cis-1,3-Dichloropropene µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*P-02T*	*P-03R*	*P-03T*	*P-05R*	*P-05SR*
	Sample ID:	*WG-12616-082411-DN-06*	*WG-12616-082511-DN-14*	*WG-12616-082511-DN-13*	*WG-12616-082611-DN-26*	*WG-12616-082611-DN-25*
	Sample Date:	*8/24/2011*	*8/25/2011*	*8/25/2011*	*8/26/2011*	*8/26/2011*
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	180 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	91 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	220	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	580	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	18 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	55	0.82 J
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	36 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:		*P-08R*	*P-08T*	*P-08T*	*P-12*	*P-12TR*
Sample ID:		*WG-12616-082611-DN-22*	*WG-12616-082611-DN-19*	*WG-12616-082611-DN-23*	*WG-12616-082511-DN-12*	*WG-12616-082511-DN-10*
Sample Date:		*8/26/2011*	*8/26/2011*	*8/26/2011 (Duplicate)*	*8/25/2011*	*8/25/2011*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	2.0 J	4.4 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*P-08R*	*P-08T*	*P-08T*	*P-12*	*P-12TR*
	Sample ID:	*WG-12616-082611-DN-22*	*WG-12616-082611-DN-19*	*WG-12616-082611-DN-23*	*WG-12616-082511-DN-12*	*WG-12616-082511-DN-10*
	Sample Date:	*8/26/2011*	*8/26/2011*	*8/26/2011 (Duplicate)*	*8/25/2011*	*8/25/2011*
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.16 J
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:		*P-12TR*	*P-14*	*P-14T*	*P-15*	*P-15T*
Sample ID:		*WG-12616-082511-DN-11*	*WG-12616-082511-DN-17*	*WG-12616-082611-DN-18*	*WG-12616-082311-DN-01*	*WG-12616-082311-DN-02*
Sample Date:		*8/25/2011 (Duplicate)*	*8/25/2011*	*8/26/2011*	*8/23/2011*	*8/23/2011*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	1.6 J	10 U	1.1 J	1.3 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*P-12TR*	*P-14*	*P-14T*	*P-15*	*P-15T*
	Sample ID:	*WG-12616-082511-DN-11*	*WG-12616-082511-DN-17*	*WG-12616-082611-DN-18*	*WG-12616-082311-DN-01*	*WG-12616-082311-DN-02*
	Sample Date:	*8/25/2011 (Duplicate)*	*8/25/2011*	*8/26/2011*	*8/23/2011*	*8/23/2011*
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	0.16 J	1.0 U	1.0 U	0.14 J	0.14 J
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Sample Location:	*P-16*	*P-16T*	*P-18*	*P-18T*	*P-21*
Sample ID:	*WG-12616-082511-DN-15*	*WG-12616-082511-DN-16*	*WG-12616-082411-DN-03*	*WG-12616-082411-DN-04*	*WG-12616-082611-DN-20*
Sample Date:	*8/25/2011*	*8/25/2011*	*8/24/2011*	*8/24/2011*	*8/26/2011*
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	1.6 J	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*P-16*	*P-16T*	*P-18*	*P-18T*	*P-21*
	Sample ID:	*WG-12616-082511-DN-15*	*WG-12616-082511-DN-16*	*WG-12616-082411-DN-03*	*WG-12616-082411-DN-04*	*WG-12616-082611-DN-20*
	Sample Date:	*8/25/2011*	*8/25/2011*	*8/24/2011*	*8/24/2011*	*8/26/2011*
Parameters:	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	0.14 J	0.15 J	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*P-21T*	*Trip Blank*	*Trip Blank*
	Sample ID:	*WG-12616-082611-DN-21*	*TB-082411-001*	*TB-082911-003*
	Sample Date:	*8/26/2011*	*8/24/2011*	*8/29/2011*
			(other)	*(other)*
Parameters:	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U
Acetone	µg/L	10 U	1.2 J	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

	Sample Location:	*P-21T*	*Trip Blank*	*Trip Blank*
	Sample ID:	*WG-12616-082611-DN-21*	*TB-082411-001*	*TB-082911-003*
	Sample Date:	*8/26/2011*	*8/24/2011*	*8/29/2011*
			(other)	*(other)*
Parameters:	***Units***			
Volatile Organic Compounds (Cont'd.)				
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.27 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE QUALITY CONTROL BLANKS
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
AUGUST 2011

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	08/24/11	Acetone	1.2	WG-12616-082411-DN-06	10 U	µg/L
				WG-12616-082411-DN-08	10 U	µg/L
VOCs	08/26/11	Acetone	30	WG-12616-082611-DN-18	10 U	µg/L
				WG-12616-082611-DN-19	10 U	µg/L
				WG-12616-082611-DN-20	10 U	µg/L
				WG-12616-082611-DN-21	10 U	µg/L
VOCs	08/29/11	Acetone	28	WG-12616-082911-DN-27	10 U	µg/L
				WG-12616-082911-DN-28	10 U	µg/L
				WG-12616-082911-DN-31	10 U	µg/L
				WG-12616-082911-DN-34	10 U	µg/L

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew Lavine

REF. NO.: 012616

FROM: Angela Bown/bjw/5-NF

DATE: January 12, 2012

CC: Karen Partington

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Validation
Remedial Investigation-Groundwater Sampling
General Motors Corporation
Elyria, Ohio
December 2011

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the December 2011 collection of 40 water samples including quality control samples from the General Motors Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc in North Canton, Ohio (TestAmerica) in accordance with the methodologies presented in Table 2. Table 3 presents the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOC) below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

The samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Most method blank samples were reported to be free from detectable levels of target analytes. Table 4 presents the sample results that were qualified due to method blank contamination.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

The MS/MSD percent recoveries and associated RPD acceptance criteria were met or did not warrant qualification.

LABORATORY CONTROL SAMPLE ANALYSIS

The laboratory control sample (LCS) analysis serves as a monitor of the overall performance in all steps of the sample analysis and is analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

The LCS percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of two (2) rinse blank samples, one (1) trip blank sample, and three (3) field duplicate sample sets.

Rinse Blanks & Trip Blanks

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

To assess the efficiency of field decontamination procedures and cleanliness of sample containers, the rinse blanks were collected and analyzed.

Target compounds were detected in the trip blank and rinse blank samples. Table 5 presents the sample data that were qualified due to analyte concentrations in the trip and rinse blank samples.

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value.

The data indicate that an adequate level of precision was achieved for the sampling event.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

				Analysis/Parameters	
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
WG-12616-113011-DN-01	OW-1	11/30/11	6:00:00 PM	X	
WG-12616-120111-DN-02	P-15	12/01/11	8:40:00 AM	X	
WG-12616-120111-DN-03	P-15T	12/01/11	10:15:00 AM	X	
WG-12616-120111-DN-04	P-18T	12/01/11	12:15:00 PM	X	
WG-12616-120111-DN-05	P-18	12/01/11	1:35:00 PM	X	
WG-12616-120111-DN-06	P-03T	12/01/11	3:05:00 PM	X	
WG-12616-120111-DN-07	P-03R	12/01/11	4:20:00 PM	X	
WG-12616-120211-DN-09	P-12TR	12/02/11	9:15:00 AM	X	
WG-12616-120211-DN-10	P-12	12/02/11	11:20:00 AM	X	
WG-12616-120211-DN-11	P-12	12/02/11	11:55:00 AM	X	WG-12616-120211-DN-10
WG-12616-120211-DN-12	P-14T	12/02/11	1:30:00 PM	X	
WG-12616-120211-DN-13	P-14	12/02/11	3:30:00 PM	X	
WG-12616-120211-DN-14	P-02	12/02/11	4:55:00 PM	X	
WG-12616-120211-DN-15	P-02T	12/02/11	5:45:00 PM	X	
WG-12616-120511-DN-16	P-16	12/05/11	2:50:00 PM	X	MS/MSD
WG-12616-120511-DN-17	P-16T	12/05/11	4:10:00 PM	X	
WG-12616-120511-DN-18	FD-07	12/05/11	5:15:00 PM	X	
WG-12616-120511-DN-19	FD-08R	12/05/11	5:50:00 PM	X	
WG-12616-120611-DN-20	FD-09	12/06/11	8:25:00 AM	X	
WG-12616-120611-DN-21	P-21T	12/06/11	9:30:00 AM	X	
WG-12616-120611-DN-22	P-21	12/06/11	10:35:00 AM	X	
WG-12616-120611-DN-23	P-08R	12/06/11	11:55:00 AM	X	
WG-12616-120611-DN-24	P-08T	12/06/11	12:40:00 PM	X	
WG-12616-120611-DN-25	P-05SR	12/06/11	2:40:00 PM	X	
WG-12616-120611-DN-26	P-21T	12/06/11	3:05:00 PM	X	WG-12616-120611-DN-21
WG-12616-120611-DN-27	P-05R	12/06/11	4:10:00 PM	X	
WG-12616-120611-DN-28	P-01	12/06/11	5:10:00 PM	X	
WG-12616-120611-DN-29	P-01T	12/06/11	5:50:00 PM	X	
WG-12616-120711-DN-30	FD-06	12/07/11	8:20:00 AM	X	
WG-12616-120711-DN-31	FD-05	12/07/11	9:40:00 AM	X	
WG-12616-120711-DN-32	MW-15R	12/07/11	12:40:00 PM	X	
WG-12616-120711-DN-33	MW-16R	12/07/11	1:40:00 PM	X	
WG-12616-120711-DN-34	FD-04	12/07/11	2:55:00 PM	X	
WG-12616-120711-DN-35	FD-03	12/07/11	3:55:00 PM	X	
WG-12616-120711-DN-36	FD-02	12/07/11	4:30:00 PM	X	
WG-12616-120711-DN-37	FD-01	12/07/11	5:20:00 PM	X	
WG-12616-120611-DN-38	P-05SR	12/06/11	4:05:00 PM	X	WG-12616-120611-DN-25
RB-12616-120211-DN-39	Rinse Blank	12/02/11	6:00:00 PM	X	Rinse Blank
RB-12616-120711-DN-40	Rinse Blank	12/07/11	4:00:00 PM	X	Rinse Blank
TB-120711-01	Trip Blank	12/07/11	12/7/2011	X	Trip Blank

Notes:

VOCs Volatile Organic Compounds.
MS Matrix Spike.
MSD Matrix Spike Duplicate.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

Parameter	*Method*
VOCs	SW-846 8260[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCs Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*	*FD-05*
	Sample ID:	*WG-12616-120711-DN-37*	*WG-12616-120711-DN-36*	*WG-12616-120711-DN-35*	*WG-12616-120711-DN-34*	*WG-12616-120711-DN-31*
	Sample Date:	*12/7/2011*	*12/7/2011*	*12/7/2011*	*12/7/2011*	*12/7/2011*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	8.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	40 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	40 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	40 U
Acetone	µg/L	10 U	10 U	10 U	10 U	40 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
cis-1,2-Dichloroethene	µg/L	0.21 J	1.0 U	1.0 U	0.85 J	96
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*	*FD-05*
	Sample ID:	*WG-12616-120711-DN-37*	*WG-12616-120711-DN-36*	*WG-12616-120711-DN-35*	*WG-12616-120711-DN-34*	*WG-12616-120711-DN-31*
	Sample Date:	*12/7/2011*	*12/7/2011*	*12/7/2011*	*12/7/2011*	*12/7/2011*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	40 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	20 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	5.4
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	0.36 J	36
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	8.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*FD-06*	*FD-07*	*FD-08R*	*FD-09*	*MW-15R*
	Sample ID:	*WG-12616-120711-DN-30*	*WG-12616-120511-DN-18*	*WG-12616-120511-DN-19*	*WG-12616-120611-DN-20*	*WG-12616-120711-DN-32*
	Sample Date:	*12/7/2011*	*12/5/2011*	*12/5/2011*	*12/6/2011*	*12/7/2011*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.1
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*FD-06*	*FD-07*	*FD-08R*	*FD-09*	*MW-15R*
	Sample ID:	*WG-12616-120711-DN-30*	*WG-12616-120511-DN-18*	*WG-12616-120511-DN-19*	*WG-12616-120611-DN-20*	*WG-12616-120711-DN-32*
	Sample Date:	*12/7/2011*	*12/5/2011*	*12/5/2011*	*12/6/2011*	*12/7/2011*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*MW-16R*	*OW-1*	*P-01*	*P-01T*	*P-02*
	Sample ID:	*WG-12616-120711-DN-33*	*WG-12616-113011-DN-01*	*WG-12616-120611-DN-28*	*WG-12616-120611-DN-29*	*WG-12616-120211-DN-14*
	Sample Date:	*12/7/2011*	*11/30/2011*	*12/6/2011*	*12/6/2011*	*12/2/2011*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.3	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*MW-16R*	*OW-1*	*P-01*	*P-01T*	*P-02*
	Sample ID:	*WG-12616-120711-DN-33*	*WG-12616-113011-DN-01*	*WG-12616-120611-DN-28*	*WG-12616-120611-DN-29*	*WG-12616-120211-DN-14*
	Sample Date:	*12/7/2011*	*11/30/2011*	*12/6/2011*	*12/6/2011*	*12/2/2011*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	9.4	1.0 U	5.0	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

Sample Location:		*P-02T*	*P-03R*	*P-03T*	*P-05R*	*P-05SR*
Sample ID:		*WG-12616-120211-DN-15*	*WG-12616-120111-DN-07*	*WG-12616-120111-DN-06*	*WG-12616-120611-DN-27*	*WG-12616-120611-DN-25*
Sample Date:		*12/2/2011*	*12/1/2011*	*12/1/2011*	*12/6/2011*	*12/6/2011*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	40 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	200 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	200 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	200 U	10 U
Acetone	µg/L	10 U	10 U	10 U	200 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	360	10
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-02T*	*P-03R*	*P-03T*	*P-05R*	*P-05SR*
	Sample ID:	*WG-12616-120211-DN-15*	*WG-12616-120111-DN-07*	*WG-12616-120111-DN-06*	*WG-12616-120611-DN-27*	*WG-12616-120611-DN-25*
	Sample Date:	*12/2/2011*	*12/1/2011*	*12/1/2011*	*12/6/2011*	*12/6/2011*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	200 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	100 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	29 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	190	5.0
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	420	18
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	20 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	57	1.4
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	40 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-05SR*	*P-08R*	*P-08T*	*P-12*	*P-12*
	Sample ID:	*WG-12616-120611-DN-38*	*WG-12616-120611-DN-23*	*WG-12616-120611-DN-24*	*WG-12616-120211-DN-10*	*WG-12616-120211-DN-11*
	Sample Date:	*12/6/2011 (Duplicate)*	*12/6/2011*	*12/6/2011*	*12/2/2011*	*12/2/2011 (Duplicate)*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	11	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-05SR*	*P-08R*	*P-08T*	*P-12*	*P-12*
	Sample ID:	*WG-12616-120611-DN-38*	*WG-12616-120611-DN-23*	*WG-12616-120611-DN-24*	*WG-12616-120211-DN-10*	*WG-12616-120211-DN-11*
	Sample Date:	*12/6/2011 (Duplicate)*	*12/6/2011*	*12/6/2011*	*12/2/2011*	*12/2/2011 (Duplicate)*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	5.2	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	20	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.5	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-12TR*	*P-14*	*P-14T*	*P-15*	*P-15T*
	Sample ID:	*WG-12616-120211-DN-09*	*WG-12616-120211-DN-13*	*WG-12616-120211-DN-12*	*WG-12616-120111-DN-02*	*WG-12616-120111-DN-03*
	Sample Date:	*12/2/2011*	*12/2/2011*	*12/2/2011*	*12/1/2011*	*12/1/2011*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-12TR*	*P-14*	*P-14T*	*P-15*	*P-15T*
	Sample ID:	*WG-12616-120211-DN-09*	*WG-12616-120211-DN-13*	*WG-12616-120211-DN-12*	*WG-12616-120111-DN-02*	*WG-12616-120111-DN-03*
	Sample Date:	*12/2/2011*	*12/2/2011*	*12/2/2011*	*12/1/2011*	*12/1/2011*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-16*	*P-16T*	*P-18*	*P-18T*	*P-21*
	Sample ID:	*WG-12616-120511-DN-16*	*WG-12616-120511-DN-17*	*WG-12616-120111-DN-05*	*WG-12616-120111-DN-04*	*WG-12616-120611-DN-22*
	Sample Date:	*12/5/2011*	*12/5/2011*	*12/1/2011*	*12/1/2011*	*12/6/2011*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

	Sample Location:	*P-16*	*P-16T*	*P-18*	*P-18T*	*P-21*
	Sample ID:	*WG-12616-120511-DN-16*	*WG-12616-120511-DN-17*	*WG-12616-120111-DN-05*	*WG-12616-120111-DN-04*	*WG-12616-120611-DN-22*
	Sample Date:	*12/5/2011*	*12/5/2011*	*12/1/2011*	*12/1/2011*	*12/6/2011*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

Parameters	*Units*	*Sample Location:* *P-21T* *Sample ID:* *WG-12616-120611-DN-21* *Sample Date:* *12/6/2011*	*P-21T* *WG-12616-120611-DN-26* *12/6/2011* *(Duplicate)*	*Rinse Blank* *RB-12616-120211-DN-39* *12/2/2011* *(other)*	*Rinse Blank* *RB-12616-120711-DN-40* *12/7/2011* *(other)*	*Trip Blank* *TB-120711-01* *12/7/2011* *(other)*
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	0.22 J	0.25 J	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	4.0 J	4.5 J	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	0.56 J	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	59	72	3.8 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

Parameters	*Units*	*Sample Location:* *P-21T* *Sample ID:* *WG-12616-120611-DN-21* *Sample Date:* *12/6/2011*	*P-21T* *WG-12616-120611-DN-26* *12/6/2011* *(Duplicate)*	*Rinse Blank* *RB-12616-120211-DN-39* *12/2/2011* *(other)*	*Rinse Blank* *RB-12616-120711-DN-40* *12/7/2011* *(other)*	*Trip Blank* *TB-120711-01* *12/7/2011* *(other)*
Volatile Organic Compounds (Cont'd.)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.26 J	0.29 J	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	12/14/11	Methylene chloride	29.6	WG-12616-120611-DN-27	29 U	µg/L
			5.9	WG-12616-120711-DN-31	5.0 U	µg/L

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
REMEDIAL INVESTIGATION-GROUNDWATER SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
DECEMBER 2011

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	12/07/11	2-Butanone	4.5	WG-12616-120711-DN-37	10 U	µg/L
VOCs	12/07/11	Acetone	72	WG-12616-120711-DN-37	10 U	µg/L

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew Lavine

REF. NO.: 012616

FROM: Angela Bown/amm/6 AB/amm

DATE: March 20, 2012

CC: Karen Partington

RE: Data Quality Assessment and Validation
Quarterly Groundwater Sampling
RACER Trust
Elyria, Ohio
February-March 2012

The following details a quality assessment and validation of the analytical data resulting from the February-March 2012 collection of 41 water samples including quality control samples from the RACER Trust Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc in North Canton, Ohio (TestAmerica) in accordance with the methodologies presented in Table 2. Table 3 presents the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOCs) below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

The samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Most method blank samples were reported to be free from detectable levels of target analytes. Table 4 presents the sample results that were qualified due to analyte concentrations in the method blank.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

The MS/MSD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

Most LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved. Table 5 presents the data that were qualified due to outlying LCS/LCD percent recoveries.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of two (2) rinse blank samples, one (1) trip blank sample, and four (4) field duplicate sample sets.

Rinse Blanks & Trip Blanks

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

To assess the efficiency of field decontamination procedures and cleanliness of sample containers, the rinse blanks were collected and analyzed.

Target compounds were detected in the trip blank and rinse blank samples. Qualification of the associated sample results was not necessary because the results were either non-detect or were greater than 5 or 10 times the blank result.

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value.

The data indicate that an adequate level of precision was achieved for the sampling event.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

				Analysis/Parameters	
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
WG-12616-022812-DN-01	OW-1R	02/28/12	11:15:00 AM	X	MS/MSD
WG-12616-022812-DN-02	P-15	02/28/12	1:45:00 PM	X	
WG-12616-022812-DN-03	P-15T	02/28/12	3:40:00 PM	X	
WG-12616-022812-DN-04	P-18T	02/28/12	4:45:00 PM	X	
WG-12616-022812-DN-05	P-18	02/28/12	5:50:00 PM	X	
WG-12616-022912-DN-06	P-12TR	02/29/12	9:05:00 AM	X	
WG-12616-022912-DN-07	P-12	02/29/12	10:45:00 AM	X	
WG-12616-022912-DN-08	P-14	02/29/12	11:50:00 AM	X	
WG-12616-022912-DN-09	P-14T	02/29/12	1:50:00 PM	X	
WG-12616-022912-DN-10	P-02	02/29/12	3:40:00 PM	X	
WG-12616-022912-DN-11	P-02T	02/29/12	4:50:00 PM	X	
WG-12616-022912-DN-12	P-02T	02/29/12	5:30:00 PM	X	WG-12616-022912-DN-11
WG-12616-022912-DN-13	P-16	02/29/12	6:00:00 PM	X	
WG-12616-030112-DN-14	P-16T	03/01/12	8:55:00 AM	X	
WG-12616-030112-DN-15	P-03R	03/01/12	10:15:00 AM	X	
WG-12616-030112-DN-16	P-03T	03/01/12	11:20:00 AM	X	
WG-12616-030112-DN-17	FD-07	03/01/12	12:55:00 PM	X	
WG-12616-030112-DN-18	FD-08R	03/01/12	2:40:00 PM	X	
WG-12616-030112-DN-19	FD-09	03/01/12	6:15:00 PM	X	
WG-12616-030112-DN-20	P-01	03/01/12	4:55:00 PM	X	
WG-12616-030112-DN-21	P-01T	03/01/12	5:50:00 PM	X	
WG-12616-030112-DN-22	P-01T	03/01/12	6:40:00 PM	X	WG-12616-030112-DN-21
WG-12616-030212-DN-23	P-05R	03/02/12	7:25:00 AM	X	MS/MSD
WG-12616-030212-DN-24	P-05SR	03/02/12	8:40:00 AM	X	
WG-12616-030212-DN-25	FD-06	03/02/12	10:10:00 AM	X	
WG-12616-030212-DN-26	FD-05	03/02/12	11:20:00 AM	X	
WG-12616-030212-DN-27	MW-15R	03/02/12	12:30:00 PM	X	
WG-12616-030212-DN-28	MW-16R	03/02/12	2:30:00 PM	X	
WG-12616-030212-DN-30	FD-05	03/02/12	3:30:00 PM	X	WG-12616-030212-DN-26
WG-12616-030512-DN-31	FD-01	03/05/12	2:00:00 PM	X	
WG-12616-030512-DN-32	FD-02	03/05/12	3:00:00 PM	X	MS/MSD
WG-12616-030512-DN-33	FD-03	03/05/12	4:25:00 PM	X	
WG-12616-030512-DN-34	FD-04	03/05/12	5:30:00 PM	X	
WG-12616-030612-DN-35	P-08R	03/06/12	8:15:00 AM	X	
WG-12616-030612-DN-36	P-08T	03/06/12	9:15:00 AM	X	
WG-12616-030612-DN-37	P-08T	03/06/12	10:05:00 AM	X	WG-12616-030612-DN-36
WG-12616-030612-DN-38	P-21	03/06/12	10:40:00 AM	X	
WG-12616-030612-DN-39	P-21T	03/06/12	11:40:00 AM	X	
RB-12616-030212-DN-29	Rinse Blank	03/02/12	3:00:00 PM	X	Rinse Blank
RB-12616-030612-DN-40	Rinse Blank	03/06/12	12:00:00 PM	X	Rinse Blank
TB-030212-001	Trip Blank	03/02/12	-	X	Trip Blank

Notes:

MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
VOCs	Volatile Organic Compounds.
-	Not Applicable.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Parameter	*Method*
VOCs	SW-846 8260[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCs Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*FD-01*	*FD-02*	*FD-03*	*FD-04*	*FD-05*
Sample ID:		*WG-12616-030512-DN-31*	*WG-12616-030512-DN-32*	*WG-12616-030512-DN-33*	*WG-12616-030512-DN-34*	*WG-12616-030212-DN-26*
Sample Date:		*3/5/2012*	*3/5/2012*	*3/5/2012*	*3/5/2012*	*3/2/2012*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	3.3 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	17 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	17 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	17 U
Acetone	µg/L	10 U	10 U	10 U	10 U	17 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	59
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*FD-01*	*FD-02*	*FD-03*	*FD-04*	*FD-05*
Sample ID:		*WG-12616-030512-DN-31*	*WG-12616-030512-DN-32*	*WG-12616-030512-DN-33*	*WG-12616-030512-DN-34*	*WG-12616-030212-DN-26*
Sample Date:		*3/5/2012*	*3/5/2012*	*3/5/2012*	*3/5/2012*	*3/2/2012*
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	17 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	8.3 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	3.5
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.83 J
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	3.3 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*FD-05*	*FD-06*	*FD-07*	*FD-08R*	*FD-09*
Sample ID:		*WG-12616-030212-DN-30*	*WG-12616-030212-DN-25*	*WG-12616-030112-DN-17*	*WG-12616-030112-DN-18*	*WG-12616-030112-DN-19*
Sample Date:		*3/2/2012 (Duplicate)*	*3/2/2012*	*3/1/2012*	*3/1/2012*	*3/1/2012*
Parameters:	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	3.3 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	17 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	17 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	17 U	10 U	10 U	10 U	10 U
Acetone	µg/L	17 U	10 U	1.9 J	10 U	10 U
Benzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	60	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

	Sample Location:	*FD-05*	*FD-06*	*FD-07*	*FD-08R*	*FD-09*
	Sample ID:	*WG-12616-030212-DN-30*	*WG-12616-030212-DN-25*	*WG-12616-030112-DN-17*	*WG-12616-030112-DN-18*	*WG-12616-030112-DN-19*
	Sample Date:	*3/2/2012*	*3/2/2012*	*3/1/2012*	*3/1/2012*	*3/1/2012*
		(Duplicate)				
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	17 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	8.3 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	3.4	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.7 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Vinyl chloride	µg/L	0.81 J	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.3 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*MW-15R*	*MW-16R*	*OW-1R*	*P-01*	*P-01T*
Sample ID:		*WG-12616-030212-DN-27*	*WG-12616-030212-DN-28*	*WG-12616-022812-DN-01*	*WG-12616-030112-DN-20*	*WG-12616-030112-DN-21*
Sample Date:		*3/2/2012*	*3/2/2012*	*2/28/2012*	*3/1/2012*	*3/1/2012*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	0.57 J	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*MW-15R*	*MW-16R*	*OW-1R*	*P-01*	*P-01T*
Sample ID:		*WG-12616-030212-DN-27*	*WG-12616-030212-DN-28*	*WG-12616-022812-DN-01*	*WG-12616-030112-DN-20*	*WG-12616-030112-DN-21*
Sample Date:		*3/2/2012*	*3/2/2012*	*2/28/2012*	*3/1/2012*	*3/1/2012*
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	0.60 J	1.0 U	0.56 J	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-01T*	*P-02*	*P-02T*	*P-02T*	*P-03R*
Sample ID:		*WG-12616-030112-DN-22*	*WG-12616-022912-DN-10*	*WG-12616-022912-DN-11*	*WG-12616-022912-DN-12*	*WG-12616-030112-DN-15*
Sample Date:		*3/1/2012*	*2/29/2012*	*2/29/2012*	*2/29/2012*	*3/1/2012*
		(Duplicate)			*(Duplicate)*	
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

	Sample Location:	*P-01T*	*P-02*	*P-02T*	*P-02T*	*P-03R*
	Sample ID:	*WG-12616-030112-DN-22*	*WG-12616-022912-DN-10*	*WG-12616-022912-DN-11*	*WG-12616-022912-DN-12*	*WG-12616-030112-DN-15*
	Sample Date:	*3/1/2012*	*2/29/2012*	*2/29/2012*	*2/29/2012*	*3/1/2012*
		(Duplicate)			*(Duplicate)*	
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-03T*	*P-05R*	*P-05SR*	*P-08R*	*P-08T*
Sample ID:		*WG-12616-030112-DN-16*	*WG-12616-030212-DN-23*	*WG-12616-030212-DN-24*	*WG-12616-030612-DN-35*	*WG-12616-030612-DN-36*
Sample Date:		*3/1/2012*	*3/2/2012*	*3/2/2012*	*3/6/2012*	*3/6/2012*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	3.0 J	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	29 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	140 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	140 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	140 U	10 U	10 U	10 U
Acetone	µg/L	10 U	140 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	340	7.9	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-03T*	*P-05R*	*P-05SR*	*P-08R*	*P-08T*
Sample ID:		*WG-12616-030112-DN-16*	*WG-12616-030212-DN-23*	*WG-12616-030212-DN-24*	*WG-12616-030612-DN-35*	*WG-12616-030612-DN-36*
Sample Date:		*3/1/2012*	*3/2/2012*	*3/2/2012*	*3/6/2012*	*3/6/2012*
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	140 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	71 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	170	5.4	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	380	22	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 UJ	14 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	71	1.3	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	29 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-08T*	*P-12*	*P-12TR*	*P-14*	*P-14T*
Sample ID:		*WG-12616-030612-DN-37*	*WG-12616-022912-DN-07*	*WG-12616-022912-DN-06*	*WG-12616-022912-DN-08*	*WG-12616-022912-DN-09*
Sample Date:		*3/6/2012 (Duplicate)*	*2/29/2012*	*2/29/2012*	*2/29/2012*	*2/29/2012*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-08T*	*P-12*	*P-12TR*	*P-14*	*P-14T*
Sample ID:		*WG-12616-030612-DN-37*	*WG-12616-022912-DN-07*	*WG-12616-022912-DN-06*	*WG-12616-022912-DN-08*	*WG-12616-022912-DN-09*
Sample Date:		*3/6/2012 (Duplicate)*	*2/29/2012*	*2/29/2012*	*2/29/2012*	*2/29/2012*
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-15*	*P-15T*	*P-16*	*P-16T*	*P-18*
Sample ID:		*WG-12616-022812-DN-02*	*WG-12616-022812-DN-03*	*WG-12616-022912-DN-13*	*WG-12616-030112-DN-14*	*WG-12616-022812-DN-05*
Sample Date:		*2/28/2012*	*2/28/2012*	*2/29/2012*	*3/1/2012*	*2/28/2012*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

	Sample Location:	*P-15*	*P-15T*	*P-16*	*P-16T*	*P-18*
	Sample ID:	*WG-12616-022812-DN-02*	*WG-12616-022812-DN-03*	*WG-12616-022912-DN-13*	*WG-12616-030112-DN-14*	*WG-12616-022812-DN-05*
	Sample Date:	*2/28/2012*	*2/28/2012*	*2/29/2012*	*3/1/2012*	*2/28/2012*
Parameters:	***Units***					
Volatile Organic Compounds (cont'd)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-18T*	*P-21*	*P-21T*	*Rinse Blank*	*Rinse Blank*	*Trip Blank*
Sample ID:		*WG-12616-022812-DN-04*	*WG-12616-030612-DN-38*	*WG-12616-030612-DN-39*	*RB-12616-030212-DN-29*	*RB-12616-030612-DN-40*	*TB-030212-001*
Sample Date:		*2/28/2012*	*3/6/2012*	*3/6/2012*	*3/2/2012*	*3/6/2012*	*3/2/2012*
					(other)	*(other)*	*(other)*
Parameters:	***Units***						
Volatile Organic Compounds							
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	3.6 J	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	42	10 U	1.7 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.38 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Sample Location:		*P-18T*	*P-21*	*P-21T*	*Rinse Blank*	*Rinse Blank*	*Trip Blank*
Sample ID:		*WG-12616-022812-DN-04*	*WG-12616-030612-DN-38*	*WG-12616-030612-DN-39*	*RB-12616-030212-DN-29*	*RB-12616-030612-DN-40*	*TB-030212-001*
Sample Date:		*2/28/2012*	*3/6/2012*	*3/6/2012*	*3/2/2012*	*3/6/2012*	*3/2/2012*
					(other)	*(other)*	*(other)*
Parameters:	***Units***						
Volatile Organic Compounds (cont'd)							
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	0.28 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	0.27 J	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes:
J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	03/09/12	1,2,4-Trichlorobenzene	0.459	WG-12616-030112-DN-20	1.0 U	µg/L

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
FEBRUARY-MARCH 2012

Parameter	*Compound*	*Percent Recovery*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Sample Results*	*Units*
VOCs	Trifluorotrichloroethane (Freon 113)	73	74-151	WG-12616-022812-DN-01	1.0 UJ	µg/L
				WG-12616-022812-DN-02	1.0 UJ	µg/L
				WG-12616-022812-DN-03	1.0 UJ	µg/L
				WG-12616-022812-DN-04	1.0 UJ	µg/L
				WG-12616-022812-DN-05	1.0 UJ	µg/L
				WG-12616-022912-DN-06	1.0 UJ	µg/L
				WG-12616-022912-DN-07	1.0 UJ	µg/L
				WG-12616-022912-DN-08	1.0 UJ	µg/L
				WG-12616-022912-DN-09	1.0 UJ	µg/L
				WG-12616-022912-DN-10	1.0 UJ	µg/L
				WG-12616-022912-DN-11	1.0 UJ	µg/L
				WG-12616-022912-DN-12	1.0 UJ	µg/L
				WG-12616-022912-DN-13	1.0 UJ	µg/L
				WG-12616-030112-DN-14	1.0 UJ	µg/L
				WG-12616-030112-DN-15	1.0 UJ	µg/L
				WG-12616-030112-DN-16	1.0 UJ	µg/L
				WG-12616-030112-DN-17	1.0 UJ	µg/L
				WG-12616-030112-DN-18	1.0 UJ	µg/L
				WG-12616-030112-DN-19	1.0 UJ	µg/L

Notes:

VOCs Volatile Organic Compounds.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew Lavine

REF. NO.: 012616

FROM: Angela Bown/bjw/7-NF ABL/bjw

DATE: July 20, 2012

CC: Karen Partington

RE: Data Quality Assessment and Validation
Quarterly Groundwater Sampling
RACER Trust
Elyria, Ohio
June 2012

INTRODUCTION

The following details a quality assessment and validation of the analytical data resulting from the June 2012 collection of 41 water samples including quality control samples from the RACER Trust Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc in North Canton, Ohio (TestAmerica) in accordance with the methodologies presented in Table 2. Table 3 presents the validated sample results.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOCs) below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

The samples were prepared and/or analyzed with the specified holding time periods.

The samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

Most method blank samples were reported to be free from detectable levels of target analytes. Qualification of the associated sample results was not necessary because the results were non-detects.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The samples selected for MS/MSD analysis are identified in Table 1.

Most MS/MSD percent recoveries were within the laboratory control limits. Table 4 presents the sample data that were qualified due to outlying MS/MSD recoveries.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

All LCS/LCD percent recoveries were within the laboratory control limits, indicating that an acceptable level of overall performance was achieved.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits, indicating that an acceptable level of overall laboratory precision was achieved.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SAMPLES

The field quality assurance/quality control consisted of one (1) rinse blank sample, one (1) trip blank sample, and two (2) field duplicate sample sets.

Rinse Blanks & Trip Blanks

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

To assess the efficiency of field decontamination procedures and cleanliness of sample containers, the rinse blanks were collected and analyzed.

Target compounds were detected in the trip blank and rinse blank samples. Table 5 presents the sample results that were qualified due to concentrations in the trip and rinse blanks.

Field Duplicates

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value.

The data indicate that an adequate level of precision was achieved for the sampling event.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted herein with the exception of 2-butanone in sample GW-12616-062212-DN-40 which was rejected due to excessive MS/MSD recovery failure.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

				Analysis/Parameters	
Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
GW-12616-061812-DN-01	OW-1R	06/18/12	7:50:00 AM	X	
GW-12616-061812-DN-02	P-15	06/18/12	9:10:00 AM	X	
GW-12616-061812-DN-03	P-15T	06/18/12	11:00:00 AM	X	
GW-12616-061812-DN-04	P-18	06/18/12	12:30:00 PM	X	
GW-12616-061812-DN-05	P-18T	06/18/12	1:25:00 PM	X	
GW-12616-061812-DN-06	P-03T	06/18/12	3:25:00 PM	X	
GW-12616-061812-DN-07	P-03R	06/18/12	4:20:00 PM	X	
GW-12616-061812-DN-08	P-02	06/18/12	5:45:00 PM	X	
GW-12616-061812-DN-09	P-02T	06/18/12	6:50:00 PM	X	
GW-12616-061912-DN-10	P-16	06/19/12	11:05:00 AM	X	
GW-12616-061912-DN-11	P-16T	06/19/12	12:40:00 PM	X	
GW-12616-061912-DN-12	P-16T	06/19/12	1:30:00 PM	X	GW-12616-061912-DN-11
GW-12616-061912-DN-13	P-21	06/19/12	2:35:00 PM	X	
GW-12616-061912-DN-14	P-21T	06/19/12	3:55:00 PM	X	
GW-12616-061912-DN-15	P-08R	06/19/12	5:20:00 PM	X	
GW-12616-061912-DN-16	P-08T	06/19/12	6:10:00 PM	X	
GW-12616-062012-DN-17	P-12	06/20/12	10:50:00 AM	X	
GW-12616-062012-DN-18	P-12TR	06/20/12	11:55:00 AM	X	
GW-12616-062012-DN-19	FD-07	06/20/12	1:50:00 PM	X	
GW-12616-062012-DN-20	FD-08R	06/20/12	2:50:00 PM	X	MS/MSD
GW-12616-062012-DN-21	FD-09	06/20/12	3:45:00 PM	X	
GW-12616-062012-DN-22	P-14	06/20/12	5:10:00 PM	X	
GW-12616-062012-DN-23	P-14T	06/20/12	6:15:00 PM	X	
GW-12616-062012-DN-24	MW-20	06/20/12	7:10:00 PM	X	
GW-12616-062112-DN-25	P-05R	06/21/12	6:55:00 AM	X	MS/MSD
GW-12616-062112-DN-26	P-05SR	06/21/12	8:10:00 AM	X	
GW-12616-062112-DN-27	P-01	06/21/12	9:35:00 AM	X	
GW-12616-062112-DN-28	P-01T	06/21/12	10:30:00 AM	X	
GW-12616-062112-DN-29	FD-06	06/21/12	12:40:00 PM	X	
GW-12616-062112-DN-30	MW-15R	06/21/12	1:55:00 PM	X	
GW-12616-062112-DN-31	MW-15R	06/21/12	2:30:00 PM	X	GW-12616-062112-DN-30
GW-12616-062112-DN-32	MW-16R	06/21/12	3:05:00 PM	X	
GW-12616-062112-DN-34	FD-05	06/21/12	4:20:00 PM	X	
GW-12616-062212-DN-33	MW-19	06/22/12	7:30:00 AM	X	
GW-12616-062212-DN-35	FD-01	06/22/12	10:20:00 AM	X	
GW-12616-062212-DN-36	FD-02	06/22/12	11:30:00 AM	X	
GW-12616-062212-DN-37	FD-03	06/22/12	1:10:00 PM	X	
GW-12616-062212-DN-38	FD-04	06/22/12	2:20:00 PM	X	
GW-12616-062212-DN-40	MW-18	06/22/12	9:05:00 AM	X	MS/MSD
RB-12616-062212-DN-39	Rinse Blank	06/22/12	2:50:00 PM	X	Rinse Blank
TB-062212-001	Trip Blank	06/18/12	-	X	Trip Blank

Notes:

MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
VOCs	Volatile Organic Compounds.
-	Not Applicable.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

Parameter	*Method*
VOCs	SW-846 8260[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCs Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*
	Sample ID:	*GW-12616-062212-DN-35*	*GW-12616-062212-DN-36*	*GW-12616-062212-DN-37*	*GW-12616-062212-DN-38*
	Sample Date:	*6/22/2012*	*6/22/2012*	*6/22/2012*	*6/22/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*
	Sample ID:	*GW-12616-062212-DN-35*	*GW-12616-062212-DN-36*	*GW-12616-062212-DN-37*	*GW-12616-062212-DN-38*
	Sample Date:	*6/22/2012*	*6/22/2012*	*6/22/2012*	*6/22/2012*
Parameters	*Units*				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.30 J	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*FD-05*	*FD-06*	*FD-07*	*FD-08R*
	Sample ID:	*GW-12616-062112-DN-34*	*GW-12616-062112-DN-29*	*GW-12616-062012-DN-19*	*GW-12616-062012-DN-20*
	Sample Date:	*6/21/2012*	*6/21/2012*	*6/20/2012*	*6/20/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	20 U	10 U	10 U	10 U
2-Hexanone	µg/L	20 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	20 U	10 U	10 U	10 U
Acetone	µg/L	20 U	10 U	7.4 J	10 U
Benzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	51	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*FD-05*	*FD-06*	*FD-07*	*FD-08R*
	Sample ID:	*GW-12616-062112-DN-34*	*GW-12616-062112-DN-29*	*GW-12616-062012-DN-19*	*GW-12616-062012-DN-20*
	Sample Date:	*6/21/2012*	*6/21/2012*	*6/20/2012*	*6/20/2012*
Parameters	*Units*				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	20 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	10 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	2.7	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	2.0 U	0.19 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	2.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	12	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	4.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*FD-09*	*MW-15R*	*MW-15R*	*MW-16R*
	Sample ID:	*GW-12616-062012-DN-21*	*GW-12616-062112-DN-30*	*GW-12616-062112-DN-31*	*GW-12616-062112-DN-32*
	Sample Date:	*6/20/2012*	*6/21/2012*	*6/21/2012 (Duplicate)*	*6/21/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	2.4
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*FD-09*	*MW-15R*	*MW-15R*	*MW-16R*
	Sample ID:	*GW-12616-062012-DN-21*	*GW-12616-062112-DN-30*	*GW-12616-062112-DN-31*	*GW-12616-062112-DN-32*
	Sample Date:	*6/20/2012*	*6/21/2012*	*6/21/2012 (Duplicate)*	*6/21/2012*
Parameters	***Units***				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	0.32 J	0.36 J	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	16
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*MW-18*	*MW-19*	*MW-20*	*OW-1R*
	Sample ID:	*GW-12616-062212-DN-40*	*GW-12616-062212-DN-33*	*GW-12616-062012-DN-24*	*GW-12616-061812-DN-01*
	Sample Date:	*6/22/2012*	*6/22/2012*	*6/20/2012*	*6/18/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 UJ	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	R	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	5.4	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*MW-18*	*MW-19*	*MW-20*	*OW-1R*
	Sample ID:	*GW-12616-062212-DN-40*	*GW-12616-062212-DN-33*	*GW-12616-062012-DN-24*	*GW-12616-061812-DN-01*
	Sample Date:	*6/22/2012*	*6/22/2012*	*6/20/2012*	*6/18/2012*
Parameters	***Units***				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	0.42 J	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	0.26 J	0.49 J	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	4.7	3.4	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-01*	*P-01T*	*P-02*	*P-02T*
	Sample ID:	*GW-12616-062112-DN-27*	*GW-12616-062112-DN-28*	*GW-12616-061812-DN-08*	*GW-12616-061812-DN-09*
	Sample Date:	*6/21/2012*	*6/21/2012*	*6/18/2012*	*6/18/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-01*	*P-01T*	*P-02*	*P-02T*
	Sample ID:	*GW-12616-062112-DN-27*	*GW-12616-062112-DN-28*	*GW-12616-061812-DN-08*	*GW-12616-061812-DN-09*
	Sample Date:	*6/21/2012*	*6/21/2012*	*6/18/2012*	*6/18/2012*
Parameters	***Units***				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.44 J	0.31 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	6.4	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-03R*	*P-03T*	*P-05R*	*P-05SR*
	Sample ID:	*GW-12616-061812-DN-07*	*GW-12616-061812-DN-06*	*GW-12616-062112-DN-25*	*GW-12616-062112-DN-26*
	Sample Date:	*6/18/2012*	*6/18/2012*	*6/21/2012*	*6/21/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	40 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	200 U	10 U
2-Hexanone	µg/L	10 U	10 U	200 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	200 U	10 U
Acetone	µg/L	10 U	10 U	200 U	1.2 J
Benzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	20 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	20 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	20 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	20 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	20 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	20 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	370	2.9
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	20 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-03R*	*P-03T*	*P-05R*	*P-05SR*
	Sample ID:	*GW-12616-061812-DN-07*	*GW-12616-061812-DN-06*	*GW-12616-062112-DN-25*	*GW-12616-062112-DN-26*
	Sample Date:	*6/18/2012*	*6/18/2012*	*6/21/2012*	*6/21/2012*
Parameters	***Units***				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	20 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	20 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	20 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	200 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	20 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	100 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	20 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	20 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	160	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	20 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	410	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	20 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	20 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	57	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	40 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-08R*	*P-08T*	*P-12*	*P-12TR*
	Sample ID:	*GW-12616-061912-DN-15*	*GW-12616-061912-DN-16*	*GW-12616-062012-DN-17*	*GW-12616-062012-DN-18*
	Sample Date:	*6/19/2012*	*6/19/2012*	*6/20/2012*	*6/20/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-08R*	*P-08T*	*P-12*	*P-12TR*
	Sample ID:	*GW-12616-061912-DN-15*	*GW-12616-061912-DN-16*	*GW-12616-062012-DN-17*	*GW-12616-062012-DN-18*
	Sample Date:	*6/19/2012*	*6/19/2012*	*6/20/2012*	*6/20/2012*
Parameters	*Units*				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-14*	*P-14T*	*P-15*	*P-15T*
	Sample ID:	*GW-12616-062012-DN-22*	*GW-12616-062012-DN-23*	*GW-12616-061812-DN-02*	*GW-12616-061812-DN-03*
	Sample Date:	*6/20/2012*	*6/20/2012*	*6/18/2012*	*6/18/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	2.3	0.92 J	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-14*	*P-14T*	*P-15*	*P-15T*
	Sample ID:	*GW-12616-062012-DN-22*	*GW-12616-062012-DN-23*	*GW-12616-061812-DN-02*	*GW-12616-061812-DN-03*
	Sample Date:	*6/20/2012*	*6/20/2012*	*6/18/2012*	*6/18/2012*
Parameters	***Units***				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.8	0.96 J	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	12	5.9	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-16*	*P-16T*	*P-16T*	*P-18*
	Sample ID:	*GW-12616-061912-DN-10*	*GW-12616-061912-DN-11*	*GW-12616-061912-DN-12*	*GW-12616-061812-DN-04*
	Sample Date:	*6/19/2012*	*6/19/2012*	*6/19/2012 (Duplicate)*	*6/18/2012*
Parameters	*Units*				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-16*	*P-16T*	*P-16T*	*P-18*
	Sample ID:	*GW-12616-061912-DN-10*	*GW-12616-061912-DN-11*	*GW-12616-061912-DN-12*	*GW-12616-061812-DN-04*
	Sample Date:	*6/19/2012*	*6/19/2012*	*6/19/2012 (Duplicate)*	*6/18/2012*
Parameters	***Units***				
Volatile Organic Compounds (Cont'd.)					
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-18T*	*P-21*	*P-21T*	*Rinse Blank*	*Trip Blank*
	Sample ID:	*GW-12616-061812-DN-05*	*GW-12616-061912-DN-13*	*GW-12616-061912-DN-14*	*RB-12616-062212-DN-39*	*TB-062212-001*
	Sample Date:	*6/18/2012*	*6/19/2012*	*6/19/2012*	*6/22/2012*	*6/18/2012*
					(other)	*(other)*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	8.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	7.2 J	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	40 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	40 U	10 U
Acetone	µg/L	10 U	10 U	10 U	180	8.7 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*P-18T*	*P-21*	*P-21T*	*Rinse Blank*	*Trip Blank*
	Sample ID:	*GW-12616-061812-DN-05*	*GW-12616-061912-DN-13*	*GW-12616-061912-DN-14*	*RB-12616-062212-DN-39*	*TB-062212-001*
	Sample Date:	*6/18/2012*	*6/19/2012*	*6/19/2012*	*6/22/2012*	*6/18/2012*
					(other)	*(other)*
Parameters	***Units***					
Volatile Organic Compounds (Cont'd.)						
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	40 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	5.0 U	5.0 U	5.0 U	20 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	4.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	8.0 U	2.0 U

Notes:

J - Estimated concentration.
U - Not present at or above the associated value.
UJ - Estimated reporting limit.
R - Rejected.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Qualified Sample Result*	*Units*
						Recovery (percent)	*RPD (percent)*		
VOCs	GW-12616-062212-DN-40	1,1-Dichloroethene	41	44	6	74-135	0-30	1.0 UJ	µg/L
		2-Butanone	0	0	NC	54-129	0-30	R	µg/L

Notes:

MS Matrix Spike.
MSD Matrix Spike Duplicate.
NC Not Calculated.
RPD Relative Percent Difference.
VOCs Volatile Organic Compounds.
UJ Not detected, estimated reporting limit.
R Rejected.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE TRIP AND RINSE BLANKS
QUARTERLY GROUNDWATER SAMPLING
RACER TRUST
ELYRIA, OHIO
JUNE 2012

Parameter	*Trip Blank Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	06/22/12	Acetone	8.7	GW-12616-062212-DN-40	10.0 U	µg/L

Notes:

VOCs Volatile Organic Compounds.
U Not Detected.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew Lavine

REF. NO.: 012616

FROM: Angela Bown/bjw/9-NF

DATE: July 31, 2012

C.C.: Karen Partington

E-Mail and Hard Copy if Requested

RE: Data Quality Assessment and Reduced Validation
Soil Sampling
General Motors Corporation
Elyria, Ohio
June 2012

INTRODUCTION

The following details a quality assessment and reduced validation of the analytical data resulting from the June 2012 collection of 5 soil including quality control samples from the Elyria Site in Elyria, Ohio. The sample summary detailing sample identification, sample location, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica, Inc. (TestAmerica) in North Canton, Ohio, in accordance with the methodologies presented in Table 2. The validated sample results are presented in Table 3.

The quality control criteria used to assess the data were established by the methods. Application of quality assurance criteria was consistent with following guidance document: "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) EPA-540/R-99/008, October 1999.

This guideline is referred to as "Guideline" in this memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of organics below the laboratory's practical quantitation limit (PQL)/report limit (RL) but above the laboratory's method detection limit (MDL). These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are presented in the methods.

Most samples were prepared and/or analyzed within the specified holding time periods. Table 4 presents the sample results that were qualified due to hold time exceedances.

All samples were shipped and maintained in accordance with the samples preservation requirements.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch, and target analytes should be non-detect.

Target analytes were detected in the method blank samples. Qualification of the sample data was not necessary if the associated sample results were greater than five times the value of the blank sample. Table 5 presents the data that were qualified due to method blank contamination.

The remaining method blank samples were reported to be free from detectable levels of target analytes or did not warrant qualification of the associated sample results.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples with the exception of the sample results presented with qualifiers in Table 6.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To assess the long-term accuracy and precision of the analytical methods on various matrices, MS/MSD percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. No site-specific samples were selected for MS/MSD spiking.

LABORATORY CONTROL SAMPLE (LCS) ANALYSIS

The LCS analysis serves as a monitor of the overall performance in all steps of the sample analysis and is analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

Most LCS percent recoveries were within the laboratory control limits indicating that an acceptable level of overall performance was achieved. The LCS recoveries for 1,1,2-trichloroethane and 1,2-dichloropropane

recovered with a high bias. The associated sample results were non-detect and qualification of the data was not necessary.

FIELD QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

The field QA/QC samples consisted of one field duplicate sample set.

Field Duplicates
Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is two times the RL value for soil samples.

The data indicate that an adequate level of precision was achieved for the sampling event.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Analysis/Parameters

Sample ID	*Location ID*	*Start Depth (ft bgs)*	*End Depth (ft bgs)*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
S-12616-061112-DN-01	MW-18	1	3	06/11/12	14:30	X	
S-12616-061112-DN-02	MW-18	18	20	06/11/12	14:40	X	
S-12616-061112-DN-03	MW-19	8	9	06/11/12	18:05	X	
S-12616-061212-DN-04	MW-20	6	8	06/12/12	11:35	X	
S-12616-061212-DN-05	MW-20	6	8	06/12/12	11:45	X	S-12616-061212-DN-04

Notes:

VOCs Volatile Organic Compounds.

TABLE 2

SUMMARY OF ANALYTICAL METHODOLOGIES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Method*
VOCs	SW-846 8260B[1]

Notes:

[1] "Test Methods for Solid Waste/Physical Chemical Methods," SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

VOCs Volatile Organic Compounds.

TABLE 3

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*MW-18*	*MW-18*	*MW-19*	*MW-20*	*MW-20*
	Sample ID:	*S-12616-061112-DN-01*	*S-12616-061112-DN-02*	*S-12616-061112-DN-03*	*S-12616-061212-DN-04*	*S-12616-061212-DN-05*
	Sample Date:	*6/11/2012*	*6/11/2012*	*6/11/2012*	*6/12/2012*	*6/12/2012*
	Sample Depth:	*(1-3) ft BGS*	*(18-20) ft BGS*	*(8-9) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*
Parameters	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,1,2-Trichloroethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,1-Dichloroethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,1-Dichloroethene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,2,4-Trichlorobenzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	12 UJ	9.3 UJ	10 U	9.8 U	10 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,2-Dichlorobenzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,2-Dichloroethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,2-Dichloropropane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,3-Dichlorobenzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
1,4-Dichlorobenzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	24 UJ	3.1 J	20 U	2.2 J	3.6 J
2-Hexanone	µg/kg	24 UJ	19 UJ	20 U	20 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	24 UJ	19 UJ	20 U	20 U	20 U
Acetone	µg/kg	24 UJ	19 UJ	20 U	20 U	20 U
Benzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Bromodichloromethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Bromoform	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Bromomethane (Methyl bromide)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*MW-18*	*MW-18*	*MW-19*	*MW-20*	*MW-20*
	Sample ID:	*S-12616-061112-DN-01*	*S-12616-061112-DN-02*	*S-12616-061112-DN-03*	*S-12616-061212-DN-04*	*S-12616-061212-DN-05*
	Sample Date:	*6/11/2012*	*6/11/2012*	*6/11/2012*	*6/12/2012*	*6/12/2012*
	Sample Depth:	*(1-3) ft BGS*	*(18-20) ft BGS*	*(8-9) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Carbon disulfide	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Carbon tetrachloride	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Chlorobenzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Chloroethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Chloroform (Trichloromethane)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Chloromethane (Methyl chloride)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
cis-1,2-Dichloroethene	µg/kg	14 J	4.7 UJ	5.0 U	4.9 U	5.0 U
cis-1,3-Dichloropropene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Cyclohexane	µg/kg	12 UJ	9.3 UJ	10 U	9.8 U	10 U
Dibromochloromethane	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Dichlorodifluoromethane (CFC-12)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Ethylbenzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Isopropyl benzene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Methyl acetate	µg/kg	12 UJ	9.3 UJ	10 U	9.8 U	10 U
Methyl cyclohexane	µg/kg	12 UJ	9.3 UJ	10 U	9.8 U	10 U
Methyl tert butyl ether (MTBE)	µg/kg	24 UJ	19 UJ	20 U	20 U	20 U
Methylene chloride	µg/kg	6.0 UJ	5.0 UJ	5.0 U	4.9 U	5.0 U
Styrene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Tetrachloroethene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Toluene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
trans-1,2-Dichloroethene	µg/kg	0.73 J	4.7 UJ	5.0 U	4.9 U	5.0 U
trans-1,3-Dichloropropene	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

	Sample Location:	*MW-18*	*MW-18*	*MW-19*	*MW-20*	*MW-20*
	Sample ID:	*S-12616-061112-DN-01*	*S-12616-061112-DN-02*	*S-12616-061112-DN-03*	*S-12616-061212-DN-04*	*S-12616-061212-DN-05*
	Sample Date:	*6/11/2012*	*6/11/2012*	*6/11/2012*	*6/12/2012*	*6/12/2012*
	Sample Depth:	*(1-3) ft BGS*	*(18-20) ft BGS*	*(8-9) ft BGS*	*(6-8) ft BGS*	*(6-8) ft BGS*
Parameters	*Units*					
Volatile Organic Compounds (Cont'd.)						
Trichloroethene	µg/kg	65 J	4.7 UJ	5.0 U	4.9 U	5.0 U
Trichlorofluoromethane (CFC-11)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Trifluorotrichloroethane (Freon 113)	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Vinyl chloride	µg/kg	6.0 UJ	4.7 UJ	5.0 U	4.9 U	5.0 U
Xylenes (total)	µg/kg	12 UJ	9.3 UJ	10 U	9.8 U	10 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (hours)*	*Holding Time Criteria (hours)*	*Qualified Sample Results*	*Units*
VOCs	Ethylbenzene	S-12616-061112-DN-01	> 48	< 48	6.0 UJ	µg/Kg
	Styrene				6.0 UJ	µg/Kg
	cis-1,3-Dichloropropene				6.0 UJ	µg/Kg
	trans-1,3-Dichloropropene				6.0 UJ	µg/Kg
	1,4-Dichlorobenzene				6.0 UJ	µg/Kg
	1,2-Dibromoethane (Ethylene dibromide)				6.0 UJ	µg/Kg
	1,2-Dichloroethane				6.0 UJ	µg/Kg
	4-Methyl-2-pentanone				24 UJ	µg/Kg
	Methyl cyclohexane				12 UJ	µg/Kg
	Toluene				6.0 UJ	µg/Kg
	Chlorobenzene				6.0 UJ	µg/Kg
	Cyclohexane				12 UJ	µg/Kg
	1,2,4-Trichlorobenzene				6.0 UJ	µg/Kg
	Dibromochloromethane				6.0 UJ	µg/Kg
	Tetrachloroethene				6.0 UJ	µg/Kg
	Xylenes (total)				12 UJ	µg/Kg
	cis-1,2-Dichloroethene				14 J	µg/Kg
	trans-1,2-Dichloroethene				0.73 J	µg/Kg
	Methyl tert butyl ether (MTBE)				24 UJ	µg/Kg
	1,3-Dichlorobenzene				6.0 UJ	µg/Kg
	Carbon tetrachloride				6.0 UJ	µg/Kg
	2-Hexanone				24 UJ	µg/Kg
	Acetone				24 UJ	µg/Kg
	Chloroform (Trichloromethane)				6.0 UJ	µg/Kg
	Benzene				6.0 UJ	µg/Kg
	1,1,1-Trichloroethane				6.0 UJ	µg/Kg
	Bromomethane (Methyl bromide)				6.0 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (hours)*	*Holding Time Criteria (hours)*	*Qualified Sample Results*	*Units*
VOCs	Chloromethane (Methyl chloride)	S-12616-061112-DN-01	> 48	< 48	6.0 UJ	µg/Kg
	Chloroethane				6.0 UJ	µg/Kg
	Vinyl chloride				6.0 UJ	µg/Kg
	Methylene chloride				5.5 J	µg/Kg
	Carbon disulfide				6.0 UJ	µg/Kg
	Bromoform				6.0 UJ	µg/Kg
	Bromodichloromethane				6.0 UJ	µg/Kg
	1,1-Dichloroethane				6.0 UJ	µg/Kg
	1,1-Dichloroethene				6.0 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				6.0 UJ	µg/Kg
	Dichlorodifluoromethane (CFC-12)				6.0 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				6.0 UJ	µg/Kg
	1,2-Dichloropropane				6.0 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				24 UJ	µg/Kg
	1,1,2-Trichloroethane				6.0 UJ	µg/Kg
	Trichloroethene				65 J	µg/Kg
	Methyl acetate				12 UJ	µg/Kg
	1,1,2,2-Tetrachloroethane				6.0 UJ	µg/Kg
	1,2-Dichlorobenzene				6.0 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				12 UJ	µg/Kg
	Isopropyl benzene				6.0 UJ	µg/Kg
VOCs	Ethylbenzene	S-12616-061112-DN-02	> 48	< 48	4.7 UJ	µg/Kg
	Styrene				4.7 UJ	µg/Kg
	cis-1,3-Dichloropropene				4.7 UJ	µg/Kg
	trans-1,3-Dichloropropene				4.7 UJ	µg/Kg
	1,4-Dichlorobenzene				4.7 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (hours)*	*Holding Time Criteria (hours)*	*Qualified Sample Results*	*Units*
VOCs	1,2-Dibromoethane (Ethylene dibromide)	S-12616-061112-DN-02	> 48	< 48	4.7 UJ	µg/Kg
	1,2-Dichloroethane				4.7 UJ	µg/Kg
	4-Methyl-2-pentanone				19 UJ	µg/Kg
	Methyl cyclohexane				9.3 UJ	µg/Kg
	Toluene				4.7 UJ	µg/Kg
	Chlorobenzene				4.7 UJ	µg/Kg
	Cyclohexane				9.3 UJ	µg/Kg
	1,2,4-Trichlorobenzene				4.7 UJ	µg/Kg
	Dibromochloromethane				4.7 UJ	µg/Kg
	Tetrachloroethene				4.7 UJ	µg/Kg
	Xylenes (total)				9.3 UJ	µg/Kg
	cis-1,2-Dichloroethene				4.7 UJ	µg/Kg
	trans-1,2-Dichloroethene				4.7 UJ	µg/Kg
	Methyl tert butyl ether (MTBE)				19 UJ	µg/Kg
	1,3-Dichlorobenzene				4.7 UJ	µg/Kg
	Carbon tetrachloride				4.7 UJ	µg/Kg
	2-Hexanone				19 UJ	µg/Kg
	Acetone				8.8 J	µg/Kg
	Chloroform (Trichloromethane)				4.7 UJ	µg/Kg
	Benzene				4.7 UJ	µg/Kg
	1,1,1-Trichloroethane				4.7 UJ	µg/Kg
	Bromomethane (Methyl bromide)				4.7 UJ	µg/Kg
	Chloromethane (Methyl chloride)				4.7 UJ	µg/Kg
	Chloroethane				4.7 UJ	µg/Kg
	Vinyl chloride				4.7 UJ	µg/Kg
	Methylene chloride				5.0 J	µg/Kg
	Carbon disulfide				4.7 UJ	µg/Kg

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Analyte*	*Sample ID*	*Holding Time (hours)*	*Holding Time Criteria (hours)*	*Qualified Sample Results*	*Units*
VOCs	Bromoform	S-12616-061112-DN-02	> 48	< 48	4.7 UJ	µg/Kg
	Bromodichloromethane				4.7 UJ	µg/Kg
	1,1-Dichloroethane				4.7 UJ	µg/Kg
	1,1-Dichloroethene				4.7 UJ	µg/Kg
	Trichlorofluoromethane (CFC-11)				4.7 UJ	µg/Kg
	Dichlorodifluoromethane (CFC-12)				4.7 UJ	µg/Kg
	Trifluorotrichloroethane (Freon 113)				4.7 UJ	µg/Kg
	1,2-Dichloropropane				4.7 UJ	µg/Kg
	2-Butanone (Methyl ethyl ketone) (MEK)				3.1 J	µg/Kg
	1,1,2-Trichloroethane				4.7 UJ	µg/Kg
	Trichloroethene				4.7 UJ	µg/Kg
	Methyl acetate				9.3 UJ	µg/Kg
	1,1,2,2-Tetrachloroethane				4.7 UJ	µg/Kg
	1,2-Dichlorobenzene				4.7 UJ	µg/Kg
	1,2-Dibromo-3-chloropropane (DBCP)				9.3 UJ	µg/Kg
	Isopropyl benzene				4.7 UJ	µg/Kg

Notes:

J Estimated.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.
VOCs Volatile Organic Compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Qualified Sample Result*	*Units*
VOCs	6/19/12	Methylene chloride	3.92	S-12616-061112-DN-01	6.0 U	µg/Kg
VOCs	6/20/12	Acetone	9.95	S-12616-061112-DN-02	19 U	µg/Kg
				S-12616-061212-DN-04	20 U	µg/Kg
				S-12616-061212-DN-05	20 U	µg/Kg
VOCs	6/20/12	Methylene chloride	5.72	S-12616-061112-DN-02	5.0 U	µg/Kg
				S-12616-061112-DN-03	5.0 U	µg/Kg
				S-12616-061212-DN-04	4.9 U	µg/Kg
				S-12616-061212-DN-05	5.0 U	µg/Kg

Notes:

U Not Detected.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Sample Results*	*Units*
VOCs	4-Bromofluorobenzene	50	52-136	S-12616-061112-DN-02	Ethylbenzene	4.7 UJ	µg/Kg
	Toluene-d8	127	67-125		Styrene	4.7 UJ	µg/Kg
					cis-1,3-Dichloropropene	4.7 UJ	µg/Kg
					trans-1,3-Dichloropropene	4.7 UJ	µg/Kg
					1,4-Dichlorobenzene	4.7 UJ	µg/Kg
					1,2-Dibromoethane (Ethylene dibromide)	4.7 UJ	µg/Kg
					1,2-Dichloroethane	4.7 UJ	µg/Kg
					4-Methyl-2-pentanone	19 UJ	µg/Kg
					Methyl cyclohexane	9.3 UJ	µg/Kg
					Toluene	4.7 UJ	µg/Kg
					Chlorobenzene	4.7 UJ	µg/Kg
					Cyclohexane	9.3 UJ	µg/Kg
					1,2,4-Trichlorobenzene	4.7 UJ	µg/Kg
					Dibromochloromethane	4.7 UJ	µg/Kg
					Tetrachloroethene	4.7 UJ	µg/Kg
					Xylenes (total)	9.3 UJ	µg/Kg
					cis-1,2-Dichloroethene	4.7 UJ	µg/Kg
					trans-1,2-Dichloroethene	4.7 UJ	µg/Kg
					Methyl tert butyl ether (MTBE)	19 UJ	µg/Kg
					1,3-Dichlorobenzene	4.7 UJ	µg/Kg
					Carbon tetrachloride	4.7 UJ	µg/Kg
					2-Hexanone	19 UJ	µg/Kg
					Acetone	8.8 J	µg/Kg
					Chloroform (Trichloromethane)	4.7 UJ	µg/Kg
					Benzene	4.7 UJ	µg/Kg
					1,1,1-Trichloroethane	4.7 UJ	µg/Kg
					Bromomethane (Methyl bromide)	4.7 UJ	µg/Kg

TABLE 6

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
SOIL SAMPLING
GENERAL MOTORS CORPORATION
ELYRIA, OHIO
JUNE 2012

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Qualified Sample Results*	*Units*
VOCs	Toluene-d8	127	67-125	S-12616-061112-DN-02	Chloromethane (Methyl chloride)	4.7 UJ	µg/Kg
					Chloroethane	4.7 UJ	µg/Kg
					Vinyl chloride	4.7 UJ	µg/Kg
					Methylene chloride	5.0 J	µg/Kg
					Carbon disulfide	4.7 UJ	µg/Kg
					Bromoform	4.7 UJ	µg/Kg
					Bromodichloromethane	4.7 UJ	µg/Kg
					1,1-Dichloroethane	4.7 UJ	µg/Kg
					1,1-Dichloroethene	4.7 UJ	µg/Kg
					Trichlorofluoromethane (CFC-11)	4.7 UJ	µg/Kg
					Dichlorodifluoromethane (CFC-12)	4.7 UJ	µg/Kg
					Trifluorotrichloroethane (Freon 113)	4.7 UJ	µg/Kg
					1,2-Dichloropropane	4.7 UJ	µg/Kg
					2-Butanone (Methyl ethyl ketone) (MEK)	3.1 J	µg/Kg
					1,1,2-Trichloroethane	4.7 UJ	µg/Kg
					Trichloroethene	4.7 UJ	µg/Kg
					Methyl acetate	9.3 UJ	µg/Kg
					1,1,2,2-Tetrachloroethane	4.7 UJ	µg/Kg
					1,2-Dichlorobenzene	4.7 UJ	µg/Kg
					1,2-Dibromo-3-chloropropane (DBCP)	9.3 UJ	µg/Kg
					Isopropyl benzene	4.7 UJ	µg/Kg

Notes:

J Estimated.

UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

VOCs Volatile Organic Compounds.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO:	Andrew LaVine	REF. NO.:	12616-T02
FROM:	Angela Bown/bjw/10-NF *AB/bjw*	DATE:	April 25, 2013
RE:	**Analytical Results and Reduced Validation Quarterly Groundwater Monitoring RACER-Elyria Site Elyria, Ohio March - April 2013**	**E-Mail and Hard Copy if Requested**	

INTRODUCTION

The following document details a reduced validation of analytical results for groundwater samples collected in support of the Quarterly Groundwater Monitoring Program at the RACER-Elyria Site during March and April 2013. Samples were submitted to TestAmerica Laboratories, Inc. (TA) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. A summary of the analytical methodology is presented in Table 2. The validated analytical results are summarized in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes; and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 2 and the documents entitled "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 2. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

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LABORATORY METHOD BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Most method blank results were non-detect. Table 4 presents the sample results that were qualified due to analyte concentrations in the method blanks.

SURROGATE SPIKE RECOVERIES – ORGANIC ANALYSES

In accordance with the methods employed, all samples, blanks and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the acceptance criteria.

LABORATORY CONTROL SAMPLE (LCS) ANALYSIS

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

The LCSs contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the measurement procedures and accuracy of a particular analysis, samples are spiked with a known concentration of the analytes of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration (greater than 4 times), the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. Most percent recoveries and RPD values were within the laboratory control limits. Table 5 presents the sample results that were qualified due to outlying MS/MSD recoveries.

FIELD QA/QC SAMPLES

The field QA/QC consisted of one (1) trip blank sample, one (1) rinse blank sample, and two (2) field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for VOC analysis. Most results were non-detect for the compounds of interest. Table 6 presents the sample results that were qualified due to analyte concentrations in the trip blank sample.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. Target analytes were detected in the rinse blank sample. The associated sample results were not affected because the results were either non-detect or were greater than 5 times the blank value.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two (2) field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were qualified as estimated (J) in Table 3 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 3.

CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

					Analysis/Parameters	
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
TestAmerica Job ID: 240-22640						
WG-12616-032713-DN-01	OW-1R	WG	3/27/2013	2:15:00 PM	X	
WG-12616-032713-DN-02	P-15	WG	3/27/2013	3:20:00 PM	X	
WG-12616-032713-DN-03	P-15T	WG	3/27/2013	4:25:00 PM	X	
WG-12616-032713-DN-04	P-18T	WG	3/27/2013	5:20:00 PM	X	
WG-12616-032713-DN-05	P-18	WG	3/27/2013	6:15:00 PM	X	
WG-12616-032813-DN-06	P-03R	WG	3/28/2013	11:55:00 AM	X	
WG-12616-032813-DN-07	P-03T	WG	3/28/2013	12:50:00 PM	X	
WG-12616-032813-DN-08	P-02T	WG	3/28/2013	2:15:00 PM	X	
WG-12616-032813-DN-09	P-02	WG	3/28/2013	3:55:00 PM	X	
WG-12616-032813-DN-10	P-16	WG	3/28/2013	4:30:00 PM	X	
WG-12616-032813-DN-11	P-16	WG	3/28/2013	5:10:00 PM	X	WG-12616-032813-DN-10
WG-12616-032813-DN-12	P-16T	WG	3/28/2013	5:45:00 PM	X	
WG-12616-032813-DN-13	P-21	WG	3/28/2013	6:25:00 PM	X	
WG-12616-032913-DN-14	P-21T	WG	3/29/2013	11:45:00 AM	X	
WG-12616-032913-DN-15	P-08R	WG	3/29/2013	12:40:00 PM	X	
WG-12616-032913-DN-16	P-08T	WG	3/29/2013	1:20:00 PM	X	
WG-12616-032913-DN-17	P-12	WG	3/29/2013	2:15:00 PM	X	
WG-12616-032913-DN-18	P-12TR	WG	3/29/2013	3:05:00 PM	X	
WG-12616-032913-DN-19	FD-07	WG	3/29/2013	3:55:00 PM	X	
WG-12616-032913-DN-20	FD-08	WG	3/29/2013	4:50:00 PM	X	MS/MSD
TestAmerica Job ID: 240-22797						
WG-12616-040113-DN-21	FD-09	WG	4/1/2013	1:20:00 PM	X	
WG-12616-040113-DN-22	P-14	WG	4/1/2013	2:20:00 PM	X	
WG-12616-040113-DN-23	P-14T	WG	4/1/2013	3:05:00 PM	X	
WG-12616-040113-DN-24	P-20	WG	4/1/2013	4:20:00 PM	X	
WG-12616-040113-DN-25	P-05R	WG	4/1/2013	5:40:00 PM	X	MS/MSD
WG-12616-040113-DN-26	P-05SR	WG	4/1/2013	6:30:00 PM	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

					Analysis/Parameters	
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
WG-12616-040213-DN-27	P-01	WG	4/2/2013	10:05:00 AM	X	
WG-12616-040213-DN-28	P-01T	WG	4/2/2013	11:25:00 AM	X	
WG-12616-040213-DN-29	MW-19	WG	4/2/2013	12:40:00 PM	X	
WG-12616-040213-DN-30	MW-18	WG	4/2/2013	2:15:00 PM	X	
WG-12616-040213-DN-31	MW-18	WG	4/2/2013	3:05:00 PM	X	WG-12616-040213-DN-30
WG-12616-040213-DN-32	MW-16R	WG	4/2/2013	3:35:00 PM	X	
WG-12616-040213-DN-33	FD-06	WG	4/2/2013	4:50:00 PM	X	
WG-12616-040213-DN-34	FD-05	WG	4/2/2013	5:40:00 PM	X	
WG-12616-040213-DN-35	MW-15R	WG	4/2/2013	6:35:00 PM	X	
WG-12616-040313-DN-36	FD-01	WG	4/3/2013	6:55:00 AM	X	
WG-12616-040313-DN-37	FD-02	WG	4/3/2013	7:50:00 AM	X	
WG-12616-040313-DN-38	FD-03	WG	4/3/2013	9:15:00 AM	X	
WG-12616-040313-DN-39	FD-04	WG	4/3/2013	10:25:00 AM	X	
WG-12616-040313-DN-40	MW-23D	WG	4/3/2013	12:45:00 PM	X	MS/MSD
WG-12616-040313-DN-41	MW-23S	WG	4/3/2013	2:05:00 PM	X	
WG-12616-040313-DN-42	MW-22D	WG	4/3/2013	3:20:00 PM	X	
WG-12616-040313-DN-43	MW-22S	WG	4/3/2013	4:40:00 PM	X	
WG-12616-040313-DN-44	MW-21D	WG	4/3/2013	5:40:00 PM	X	
WG-12616-040313-DN-45	MW-21S	WG	4/3/2013	6:25:00 PM	X	
RB-12616-040313-DN-46	Rinse Blank	WG	4/3/2013	7:05:00 PM	X	
TB-12616-001	Trip Blank	WG	4/3/2013	-	X	

Notes:

MS Matrix spike.
MSD Matrix spike duplicate.
VOCs Volatile organic compounds.
WG Groundwater.

TABLE 2

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

Parameter	*Method* [1]	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
VOCs	SW-846 8260	Water	-	14

Notes:

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
VOCs Volatile organic compounds.
- Not applicable.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*	*FD-05*
	Sample ID:	*WG-12616-040313-DN-36*	*WG-12616-040313-DN-37*	*WG-12616-040313-DN-38*	*WG-12616-040313-DN-39*	*WG-12616-040213-DN-34*
	Sample Date:	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/2/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	20 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	20 U
Acetone	µg/L	10 U	10 U	10 U	10 U	20 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	59
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*	*FD-05*
	Sample ID:	*WG-12616-040313-DN-36*	*WG-12616-040313-DN-37*	*WG-12616-040313-DN-38*	*WG-12616-040313-DN-39*	*WG-12616-040213-DN-34*
	Sample Date:	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/2/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	20 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	3.4
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 J
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	4.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*FD-06*	*FD-07*	*FD-08*	*FD-09*	*MW-15R*
	Sample ID:	*WG-12616-040213-DN-33*	*WG-12616-032913-DN-19*	*WG-12616-032913-DN-20*	*WG-12616-040113-DN-21*	*WG-12616-040213-DN-35*
	Sample Date:	*4/2/2013*	*3/29/2013*	*3/29/2013*	*4/1/2013*	*4/2/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	3.0 J	1.4 J	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*FD-06*	*FD-07*	*FD-08*	*FD-09*	*MW-15R*
	Sample ID:	*WG-12616-040213-DN-33*	*WG-12616-032913-DN-19*	*WG-12616-032913-DN-20*	*WG-12616-040113-DN-21*	*WG-12616-040213-DN-35*
	Sample Date:	*4/2/2013*	*3/29/2013*	*3/29/2013*	*4/1/2013*	*4/2/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*MW-16R*	*MW-18*	*MW-18*	*MW-19*	*MW-21D*
	Sample ID:	*WG-12616-040213-DN-32*	*WG-12616-040213-DN-30*	*WG-12616-040213-DN-31*	*WG-12616-040213-DN-29*	*WG-12616-040313-DN-44*
	Sample Date:	*4/2/2013*	*4/2/2013*	*4/2/2013* *(Duplicate)*	*4/2/2013*	*4/3/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.56 J	1.1	1.2	1.0 U	0.53 J
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*MW-16R*	*MW-18*	*MW-18*	*MW-19*	*MW-21D*
	Sample ID:	*WG-12616-040213-DN-32*	*WG-12616-040213-DN-30*	*WG-12616-040213-DN-31*	*WG-12616-040213-DN-29*	*WG-12616-040313-DN-44*
	Sample Date:	*4/2/2013*	*4/2/2013*	*4/2/2013*	*4/2/2013*	*4/3/2013*
				(Duplicate)		
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.4
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	2.1	0.52 J	0.64 J	2.6	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*MW-21S*	*MW-22D*	*MW-22S*	*MW-23D*	*MW-23S*
	Sample ID:	*WG-12616-040313-DN-45*	*WG-12616-040313-DN-42*	*WG-12616-040313-DN-43*	*WG-12616-040313-DN-40*	*WG-12616-040313-DN-41*
	Sample Date:	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/3/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.7 J	25 U	5.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	10 U	50 U	10 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	50 U	250 U	50 U	10 U
2-Hexanone	µg/L	10 U	50 U	250 U	50 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	50 U	250 U	50 U	10 U
Acetone	µg/L	10 U	50 U	250 U	50 U	10 U
Benzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Bromoform	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Chloroethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	130	780	170	9.9
cis-1,3-Dichloropropene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*MW-21S*	*MW-22D*	*MW-22S*	*MW-23D*	*MW-23S*
	Sample ID:	*WG-12616-040313-DN-45*	*WG-12616-040313-DN-42*	*WG-12616-040313-DN-43*	*WG-12616-040313-DN-40*	*WG-12616-040313-DN-41*
	Sample Date:	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/3/2013*	*4/3/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Methyl acetate	µg/L	10 U	50 U	250 U	50 U	10 U
Methyl cyclohexane	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Styrene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Toluene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	55	73	16	2.7
trans-1,3-Dichloropropene	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Trichloroethene	µg/L	0.79 J	13	490	5.0 U	0.51 J
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	5.0 U	25 U	5.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	13	29	190	15
Xylenes (total)	µg/L	2.0 U	10 U	50 U	10 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*OW-1R*	*P-01*	*P-01T*	*P-02*	*P-02T*
	Sample ID:	*WG-12616-032713-DN-01*	*WG-12616-040213-DN-27*	*WG-12616-040213-DN-28*	*WG-12616-032813-DN-09*	*WG-12616-032813-DN-08*
	Sample Date:	*3/27/2013*	*4/2/2013*	*4/2/2013*	*3/28/2013*	*3/28/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*OW-1R*	*P-01*	*P-01T*	*P-02*	*P-02T*
	Sample ID:	*WG-12616-032713-DN-01*	*WG-12616-040213-DN-27*	*WG-12616-040213-DN-28*	*WG-12616-032813-DN-09*	*WG-12616-032813-DN-08*
	Sample Date:	*3/27/2013*	*4/2/2013*	*4/2/2013*	*3/28/2013*	*3/28/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	0.26 J	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

Sample Location:		*P-03R*	*P-03T*	*P-05R*	*P-05SR*	*P-08R*
Sample ID:		*WG-12616-032813-DN-06*	*WG-12616-032813-DN-07*	*WG-12616-040113-DN-25*	*WG-12616-040113-DN-26*	*WG-12616-032913-DN-15*
Sample Date:		*3/28/2013*	*3/28/2013*	*4/1/2013*	*4/1/2013*	*3/29/2013*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	4.8 J	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	25 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	130 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	130 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	130 U	10 U	10 U
Acetone	µg/L	10 U	1.4 J	130 U	10 U	1.1 J
Benzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	390	2.9	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-03R*	*P-03T*	*P-05R*	*P-05SR*	*P-08R*
	Sample ID:	*WG-12616-032813-DN-06*	*WG-12616-032813-DN-07*	*WG-12616-040113-DN-25*	*WG-12616-040113-DN-26*	*WG-12616-032913-DN-15*
	Sample Date:	*3/28/2013*	*3/28/2013*	*4/1/2013*	*4/1/2013*	*3/29/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	130 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	190	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	410 J	0.26 J	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	13 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	140	0.45 J	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	25 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

Sample Location:	*P-08T*	*P-12*	*P-12TR*	*P-14*	*P-14T*
Sample ID:	*WG-12616-032913-DN-16*	*WG-12616-032913-DN-17*	*WG-12616-032913-DN-18*	*WG-12616-040113-DN-22*	*WG-12616-040113-DN-23*
Sample Date:	*3/29/2013*	*3/29/2013*	*3/29/2013*	*4/1/2013*	*4/1/2013*
Parameters ***Units***					
Volatile Organic Compounds					
1,1,1-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP) µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK) µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) µg/L	10 U	10 U	10 U	10 U	10 U
Acetone µg/L	2.8 J	10 U	10 U	10 U	10 U
Benzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane) µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride) µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-08T*	*P-12*	*P-12TR*	*P-14*	*P-14T*
	Sample ID:	*WG-12616-032913-DN-16*	*WG-12616-032913-DN-17*	*WG-12616-032913-DN-18*	*WG-12616-040113-DN-22*	*WG-12616-040113-DN-23*
	Sample Date:	*3/29/2013*	*3/29/2013*	*3/29/2013*	*4/1/2013*	*4/1/2013*
Parameters	***Units***					
Volatile Organic Compounds (Continued)						
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-15*	*P-15T*	*P-16*	*P-16*
	Sample ID:	*WG-12616-032713-DN-02*	*WG-12616-032713-DN-03*	*WG-12616-032813-DN-10*	*WG-12616-032813-DN-11*
	Sample Date:	*3/27/2013*	*3/27/2013*	*3/28/2013*	*3/28/2013 (Duplicate)*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	2.9 J	2.3 J	1.2 J	1.2 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-15*	*P-15T*	*P-16*	*P-16*
	Sample ID:	*WG-12616-032713-DN-02*	*WG-12616-032713-DN-03*	*WG-12616-032813-DN-10*	*WG-12616-032813-DN-11*
	Sample Date:	*3/27/2013*	*3/27/2013*	*3/28/2013*	*3/28/2013 (Duplicate)*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-16T*	*P-18*	*P-18T*	*P-20*
	Sample ID:	*WG-12616-032813-DN-12*	*WG-12616-032713-DN-05*	*WG-12616-032713-DN-04*	*WG-12616-040113-DN-24*
	Sample Date:	*3/28/2013*	*3/27/2013*	*3/27/2013*	*4/1/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	1.6 J	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.41 J
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-16T*	*P-18*	*P-18T*	*P-20*
	Sample ID:	*WG-12616-032813-DN-12*	*WG-12616-032713-DN-05*	*WG-12616-032713-DN-04*	*WG-12616-040113-DN-24*
	Sample Date:	*3/28/2013*	*3/27/2013*	*3/27/2013*	*4/1/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-21*	*P-21T*	*Rinse Blank*	*Trip Blank*
	Sample ID:	*WG-12616-032813-DN-13*	*WG-12616-032913-DN-14*	*RB-12616-040313-DN-46*	*TB-12616-001*
	Sample Date:	*3/28/2013*	*3/29/2013*	*4/3/2013*	*4/3/2013*
				(other)	*(other)*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	0.83 J	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	1.4 J	10 U	4.4 J	5.8 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	0.22 J	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

	Sample Location:	*P-21*	*P-21T*	*Rinse Blank*	*Trip Blank*
	Sample ID:	*WG-12616-032813-DN-13*	*WG-12616-032913-DN-14*	*RB-12616-040313-DN-46*	*TB-12616-001*
	Sample Date:	*3/28/2013*	*3/29/2013*	*4/3/2013*	*4/3/2013*
				(other)	*(other)*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	0.59 J
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	0.17 J	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

J Estimated concentration.
U Not detected at the associated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	Methylene chloride	4/10/2013	10.2	WG-12616-040113-DN-25	12 J	13 U	µg/L
VOCs	Methylene chloride	4/11/2013	4.6	WG-12616-040313-DN-40	3.0 J	5.0 U	µg/L
VOCs	Methylene chloride	4/11/2013	35	WG-12616-040313-DN-43	12 J	25 U	µg/L

Notes:

* Blank result adjusted for sample factors where applicable.
J Estimated concentration.
U Not detected at the associated reporting limit.
VOCs Volatile organic compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
VOCs	WG-12616-040113-DN-25	Trichloroethene	59	65	1	66-120	0-30	410 J	µg/L

Notes:

J Estimated concentration.
MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent difference.
VOCs Volatile organic compounds.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
MARCH - APRIL 2013

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	04/03/13	Acetone	5.8	WG-12616-040113-DN-21	1.8 J	10 U	µg/L
				WG-12616-040113-DN-22	1.1 J	10 U	µg/L
				WG-12616-040113-DN-23	1.7 J	10 U	µg/L
				WG-12616-040113-DN-24	1.5 J	10 U	µg/L
				WG-12616-040213-DN-27	1.1 J	10 U	µg/L
				WG-12616-040213-DN-28	3.1 J	10 U	µg/L
				WG-12616-040213-DN-29	3.1 J	10 U	µg/L
				WG-12616-040213-DN-30	4.9 J	10 U	µg/L
				WG-12616-040213-DN-31	3.8 J	10 U	µg/L
				WG-12616-040213-DN-33	2.0 J	10 U	µg/L
				WG-12616-040213-DN-34	2.6 J	20 U	µg/L
				WG-12616-040213-DN-35	2.8 J	10 U	µg/L
				WG-12616-040313-DN-36	1.1 J	10 U	µg/L
				WG-12616-040313-DN-37	1.3 J	10 U	µg/L
				WG-12616-040313-DN-38	2.7 J	10 U	µg/L
				WG-12616-040313-DN-39	1.9 J	10 U	µg/L
				WG-12616-040313-DN-41	2.6 J	10 U	µg/L
				WG-12616-040313-DN-44	2.5 J	10 U	µg/L
				WG-12616-040313-DN-45	2.2 J	10 U	µg/L

Notes:

J Estimated concentration.
U Not detected at the associated reporting limit.
VOCs Volatile organic compounds.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO:	Andrew LaVine	REF. NO.:	12616-T02
FROM:	Angela Bown/bjw/11-NF *AB/bjw*	DATE:	July 29, 2013
RE:	**Analytical Results and Reduced Validation Quarterly Groundwater Monitoring RACER-Elyria Site Elyria, Ohio June 2013**	**E-Mail and Hard Copy if Requested**	

INTRODUCTION

The following document details a reduced validation of analytical results for groundwater samples collected in support of the Quarterly Groundwater Monitoring Program at the RACER-Elyria Site during June 2013. Samples were submitted to TestAmerica Laboratories, Inc. (TA) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. A summary of the analytical methodology is presented in Table 2. The validated analytical results are summarized in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes; and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 2 and the documents entitled "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 2. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

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LABORATORY METHOD BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Most method blank results were non-detect. Table 4 presents the sample results that were qualified due to analyte concentrations in the method blanks.

SURROGATE SPIKE RECOVERIES – ORGANIC ANALYSES

In accordance with the methods employed, all samples, blanks and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the acceptance criteria.

LABORATORY CONTROL SAMPLE (LCS) ANALYSIS

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

The LCSs contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the measurement procedures and accuracy of a particular analysis, samples are spiked with a known concentration of the analytes of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration (greater than 4 times), the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. Most percent recoveries and RPD values were within the laboratory control limits. Table 5 presents the sample results that were qualified due to outlying MS/MSD recoveries.

FIELD QA/QC SAMPLES

The field QA/QC consisted of one trip blank sample, one rinse blank sample, and two field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. Target analytes were detected in the rinse blank sample. Table 6 presents the sample results that were qualified due to analyte concentrations in the rinse blank sample.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, two field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criterion is one times the RL value for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were qualified as estimated (J) in Table 3 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the RL in Table 3.

CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

					Analysis/Parameters	
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
TestAmerica Job ID: 240-26413						
WG-12616-062413-DN-01	OW-1R	WG	6/24/2013	7:45:00 AM	X	MS/MSD
WG-12616-062413-DN-02	P-15	WG	6/24/2013	8:50:00 AM	X	
WG-12616-062413-DN-03	P-15T	WG	6/24/2013	10:05:00 AM	X	
WG-12616-062413-DN-04	FD-07	WG	6/24/2013	11:05:00 AM	X	
WG-12616-062413-DN-05	FD-08R	WG	6/24/2013	1:20:00 PM	X	
WG-12616-062413-DN-06	FD-09	WG	6/24/2013	1:55:00 PM	X	
WG-12616-062413-DN-07	P-18T	WG	6/24/2013	3:20:00 PM	X	
WG-12616-062413-DN-08	P-18	WG	6/24/2013	4:30:00 PM	X	
WG-12616-062413-DN-09	P-03R	WG	6/24/2013	5:55:00 PM	X	
WG-12616-062513-DN-10	P-03T	WG	6/25/2013	6:55:00 AM	X	
WG-12616-062513-DN-11	P-03T	WG	6/25/2013	7:45:00 AM	X	Field Duplicate of WG-12616-062513-DN-10
WG-12616-062513-DN-12	P-02	WG	6/25/2013	8:20:00 AM	X	
WG-12616-062513-DN-13	P-02T	WG	6/25/2013	1:15:00 PM	X	
WG-12616-062513-DN-14	P-16	WG	6/25/2013	2:35:00 PM	X	
WG-12616-062513-DN-15	P-16T	WG	6/25/2013	3:50:00 PM	X	
WG-12616-062513-DN-16	P-21	WG	6/25/2013	5:05:00 PM	X	
WG-12616-062513-DN-17	P-21T	WG	6/25/2013	6:10:00 PM	X	
WG-12616-062613-DN-18	P-08R	WG	6/26/2013	6:50:00 AM	X	
WG-12616-062613-DN-19	P-08T	WG	6/26/2013	8:15:00 AM	X	
WG-12616-062613-DN-20	P-12	WG	6/26/2013	1:05:00 PM	X	MS/MSD
WG-12616-062613-DN-21	P-12TR	WG	6/26/2013	2:15:00 PM	X	
WG-12616-062613-DN-22	P-14	WG	6/26/2013	3:25:00 PM	X	
WG-12616-062613-DN-23	P-14T	WG	6/26/2013	4:35:00 PM	X	
WG-12616-062613-DN-24	P-20	WG	6/26/2013	5:50:00 PM	X	
WG-12616-062713-DN-25	P-05R	WG	6/27/2013	7:20:00 AM	X	
WG-12616-062713-DN-26	P-05SR	WG	6/27/2013	8:50:00 AM	X	
WG-12616-062713-DN-27	P-01T	WG	6/27/2013	10:45:00 AM	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

					Analysis/Parameters	
Sample Identification	*Location*	*Matrix*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*VOCs*	*Comments*
TestAmerica Job ID: 240-26413						
WG-12616-062713-DN-28	P-01	WG	6/27/2013	1:20:00 PM	X	
WG-12616-062713-DN-29	FD-06	WG	6/27/2013	3:10:00 PM	X	
WG-12616-062713-DN-30	FD-05	WG	6/27/2013	4:30:00 PM	X	
WG-12616-062713-DN-31	FD-05	WG	6/27/2013	5:40:00 PM	X	Field Duplicate of WG-12616-062713-DN-30
WG-12616-062713-DN-32	MW-16R	WG	6/27/2013	5:55:00 PM	X	
WG-12616-062813-DN-33	MW-18	WG	6/28/2013	7:20:00 AM	X	
WG-12616-062813-DN-34	MW-19	WG	6/28/2013	8:50:00 AM	X	
WG-12616-062813-DN-35	MW-15R	WG	6/28/2013	10:20:00 AM	X	
WG-12616-062813-DN-36	FD-01	WG	6/28/2013	11:50:00 AM	X	
WG-12616-062813-DN-37	FD-02	WG	6/28/2013	1:15:00 PM	X	
WG-12616-062813-DN-38	FD-03	WG	6/28/2013	2:35:00 PM	X	
WG-12616-062813-DN-39	FD-04	WG	6/28/2013	3:55:00 PM	X	MS/MSD
WG-12616-062813-DN-40	MW-21D	WG	6/28/2013	5:05:00 PM	X	
WG-12616-062913-DN-41	MW-21S	WG	6/29/2013	9:50:00 AM	X	
WG-12616-062913-DN-42	MW-22S	WG	6/29/2013	11:00:00 AM	X	
WG-12616-062913-DN-43	MW-22D	WG	6/29/2013	12:20:00 PM	X	
WG-12616-062913-DN-44	MW-23S	WG	6/29/2013	1:40:00 PM	X	
WG-12616-062913-DN-45	MW-23D	WG	6/29/2013	2:45:00 PM	X	
RB-12616-062913-DN-46	Rinse Blank	WG	6/29/2013	3:10:00 PM	X	
TB-12616-001	Trip Blank	WG	6/24/2013	6/24/2013	X	

Notes:

MS Matrix spike.
MSD Matrix spike duplicate.
VOCs Volatile organic compounds.
WG Groundwater.

TABLE 2

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

Parameter	*Method* [1]	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
VOCs	SW-846 8260	Water	-	14

Notes:

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.

VOCs Volatile organic compounds.

- Not applicable.

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*
	Sample ID:	*WG-12616-062813-DN-36*	*WG-12616-062813-DN-37*	*WG-12616-062813-DN-38*	*WG-12616-062813-DN-39*
	Sample Date:	*6/28/2013*	*6/28/2013*	*6/28/2013*	*6/28/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 UJ
2-Hexanone	µg/L	10 U	10 U	10 U	10 UJ
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 UJ
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-04*
	Sample ID:	*WG-12616-062813-DN-36*	*WG-12616-062813-DN-37*	*WG-12616-062813-DN-38*	*WG-12616-062813-DN-39*
	Sample Date:	*6/28/2013*	*6/28/2013*	*6/28/2013*	*6/28/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 UJ
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 UJ

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*FD-05*	*FD-05*	*FD-06*	*FD-07*
	Sample ID:	*WG-12616-062713-DN-30*	*WG-12616-062713-DN-31*	*WG-12616-062713-DN-29*	*WG-12616-062413-DN-04*
	Sample Date:	*6/27/2013*	*6/27/2013*	*6/27/2013*	*6/24/2013*
			(Duplicate)		
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	3.3 U	3.3 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	17 U	17 U	10 U	10 U
2-Hexanone	µg/L	17 U	17 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	17 U	17 U	10 U	10 U
Acetone	µg/L	17 U	17 U	10 U	10 U
Benzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Bromoform	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Chloroethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*FD-05*	*FD-05*	*FD-06*	*FD-07*
	Sample ID:	*WG-12616-062713-DN-30*	*WG-12616-062713-DN-31*	*WG-12616-062713-DN-29*	*WG-12616-062413-DN-04*
	Sample Date:	*6/27/2013*	*6/27/2013 (Duplicate)*	*6/27/2013*	*6/24/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	54	53	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Methyl acetate	µg/L	17 U	17 U	10 U	10 U
Methyl cyclohexane	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Styrene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Toluene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	3.8	3.5	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.7 U	1.7 U	1.0 U	1.0 U
Vinyl chloride	µg/L	9.0	8.7	1.0 U	1.0 U
Xylenes (total)	µg/L	3.3 U	3.3 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*FD-08R*	*FD-09*	*MW-15R*	*MW-16R*
	Sample ID:	*WG-12616-062413-DN-05*	*WG-12616-062413-DN-06*	*WG-12616-062813-DN-35*	*WG-12616-062713-DN-32*
	Sample Date:	*6/24/2013*	*6/24/2013*	*6/28/2013*	*6/27/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*FD-08R*	*FD-09*	*MW-15R*	*MW-16R*
	Sample ID:	*WG-12616-062413-DN-05*	*WG-12616-062413-DN-06*	*WG-12616-062813-DN-35*	*WG-12616-062713-DN-32*
	Sample Date:	*6/24/2013*	*6/24/2013*	*6/28/2013*	*6/27/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.7
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	11
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*MW-18*	*MW-19*	*MW-21D*	*MW-21S*
	Sample ID:	*WG-12616-062813-DN-33*	*WG-12616-062813-DN-34*	*WG-12616-062813-DN-40*	*WG-12616-062913-DN-41*
	Sample Date:	*6/28/2013*	*6/28/2013*	*6/28/2013*	*6/29/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*MW-18*	*MW-19*	*MW-21D*	*MW-21S*
	Sample ID:	*WG-12616-062813-DN-33*	*WG-12616-062813-DN-34*	*WG-12616-062813-DN-40*	*WG-12616-062913-DN-41*
	Sample Date:	*6/28/2013*	*6/28/2013*	*6/28/2013*	*6/29/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.8	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	3.3	6.3	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*MW-22D*	*MW-22S*	*MW-23D*	*MW-23S*
	Sample ID:	*WG-12616-062913-DN-43*	*WG-12616-062913-DN-42*	*WG-12616-062913-DN-45*	*WG-12616-062913-DN-44*
	Sample Date:	*6/29/2013*	*6/29/2013*	*6/29/2013*	*6/29/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	3.3 U	20 U	10 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	3.3 U	20 U	10 U	1.0 U
1,1,2-Trichloroethane	µg/L	3.3 U	20 U	10 U	1.0 U
1,1-Dichloroethane	µg/L	2.5 J	20 U	10 U	1.0 U
1,1-Dichloroethene	µg/L	3.3 U	20 U	10 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	3.3 U	20 U	10 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	6.7 U	40 U	20 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	3.3 U	20 U	10 U	1.0 U
1,2-Dichlorobenzene	µg/L	3.3 U	20 U	10 U	1.0 U
1,2-Dichloroethane	µg/L	3.3 U	20 U	10 U	1.0 U
1,2-Dichloropropane	µg/L	3.3 U	20 U	10 U	1.0 U
1,3-Dichlorobenzene	µg/L	3.3 U	20 U	10 U	1.0 U
1,4-Dichlorobenzene	µg/L	3.3 U	20 U	10 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	33 U	200 U	100 U	10 U
2-Hexanone	µg/L	33 U	200 U	100 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	33 U	200 U	100 U	10 U
Acetone	µg/L	33 U	200 U	100 U	10 U
Benzene	µg/L	3.3 U	20 U	10 U	1.0 U
Bromodichloromethane	µg/L	3.3 U	20 U	10 U	1.0 U
Bromoform	µg/L	3.3 U	20 U	10 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	3.3 U	20 U	10 U	1.0 U
Carbon disulfide	µg/L	3.3 U	20 U	10 U	1.0 U
Carbon tetrachloride	µg/L	3.3 U	20 U	10 U	1.0 U
Chlorobenzene	µg/L	3.3 U	20 U	10 U	1.0 U
Chloroethane	µg/L	3.3 U	20 U	10 U	1.0 U
Chloroform (Trichloromethane)	µg/L	3.3 U	20 U	10 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	3.3 U	20 U	10 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*MW-22D*	*MW-22S*	*MW-23D*	*MW-23S*
	Sample ID:	*WG-12616-062913-DN-43*	*WG-12616-062913-DN-42*	*WG-12616-062913-DN-45*	*WG-12616-062913-DN-44*
	Sample Date:	*6/29/2013*	*6/29/2013*	*6/29/2013*	*6/29/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	110	620	160	6.6
cis-1,3-Dichloropropene	µg/L	3.3 U	20 U	10 U	1.0 U
Cyclohexane	µg/L	3.3 U	20 U	10 U	1.0 U
Dibromochloromethane	µg/L	3.3 U	20 U	10 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	3.3 U	20 U	10 U	1.0 U
Ethylbenzene	µg/L	3.3 U	20 U	10 U	1.0 U
Isopropyl benzene	µg/L	3.3 U	20 U	10 U	1.0 U
Methyl acetate	µg/L	33 U	200 U	100 U	10 U
Methyl cyclohexane	µg/L	3.3 U	20 U	10 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	3.3 U	20 U	10 U	1.0 U
Methylene chloride	µg/L	3.3 U	28 U	16 U	1.0 U
Styrene	µg/L	3.3 U	20 U	10 U	1.0 U
Tetrachloroethene	µg/L	3.3 U	20 U	10 U	1.0 U
Toluene	µg/L	3.3 U	20 U	10 U	1.0 U
trans-1,2-Dichloroethene	µg/L	48	37	17	1.1
trans-1,3-Dichloropropene	µg/L	3.3 U	20 U	10 U	1.0 U
Trichloroethene	µg/L	11	340	10 U	1.5
Trichlorofluoromethane (CFC-11)	µg/L	3.3 U	20 U	10 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	3.3 U	20 U	10 U	1.0 U
Vinyl chloride	µg/L	12	27	230	10
Xylenes (total)	µg/L	6.7 U	40 U	20 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*OW-1R*	*P-01*	*P-01T*	*P-02*
	Sample ID:	*WG-12616-062413-DN-01*	*WG-12616-062713-DN-28*	*WG-12616-062713-DN-27*	*WG-12616-062513-DN-12*
	Sample Date:	*6/24/2013*	*6/27/2013*	*6/27/2013*	*6/25/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*OW-1R*	*P-01*	*P-01T*	*P-02*
	Sample ID:	*WG-12616-062413-DN-01*	*WG-12616-062713-DN-28*	*WG-12616-062713-DN-27*	*WG-12616-062513-DN-12*
	Sample Date:	*6/24/2013*	*6/27/2013*	*6/27/2013*	*6/25/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	0.20 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	0.61 J	0.85 J	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	2.3	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-02T*	*P-03R*	*P-03T*	*P-03T*
	Sample ID:	*WG-12616-062513-DN-13*	*WG-12616-062413-DN-09*	*WG-12616-062513-DN-10*	*WG-12616-062513-DN-11*
	Sample Date:	*6/25/2013*	*6/24/2013*	*6/25/2013*	*6/25/2013 (Duplicate)*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-02T*	*P-03R*	*P-03T*	*P-03T*
	Sample ID:	*WG-12616-062513-DN-13*	*WG-12616-062413-DN-09*	*WG-12616-062513-DN-10*	*WG-12616-062513-DN-11*
	Sample Date:	*6/25/2013*	*6/24/2013*	*6/25/2013*	*6/25/2013 (Duplicate)*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-05R*	*P-05SR*	*P-08R*	*P-08T*
	Sample ID:	*WG-12616-062713-DN-25*	*WG-12616-062713-DN-26*	*WG-12616-062613-DN-18*	*WG-12616-062613-DN-19*
	Sample Date:	*6/27/2013*	*6/27/2013*	*6/26/2013*	*6/26/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	25 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	130 U	10 U	10 U	10 U
2-Hexanone	µg/L	130 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	130 U	10 U	10 U	10 U
Acetone	µg/L	25 J	10 U	10 U	10 U
Benzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	13 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	13 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-05R*	*P-05SR*	*P-08R*	*P-08T*
	Sample ID:	*WG-12616-062713-DN-25*	*WG-12616-062713-DN-26*	*WG-12616-062613-DN-18*	*WG-12616-062613-DN-19*
	Sample Date:	*6/27/2013*	*6/27/2013*	*6/26/2013*	*6/26/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	380	4.6	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	130 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	13 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	13 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	190	1.5	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	460	7.9	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	95	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	25 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-12*	*P-12TR*	*P-14*	*P-14T*
	Sample ID:	*WG-12616-062613-DN-20*	*WG-12616-062613-DN-21*	*WG-12616-062613-DN-22*	*WG-12616-062613-DN-23*
	Sample Date:	*6/26/2013*	*6/26/2013*	*6/26/2013*	*6/26/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-12*	*P-12TR*	*P-14*	*P-14T*
	Sample ID:	*WG-12616-062613-DN-20*	*WG-12616-062613-DN-21*	*WG-12616-062613-DN-22*	*WG-12616-062613-DN-23*
	Sample Date:	*6/26/2013*	*6/26/2013*	*6/26/2013*	*6/26/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-15*	*P-15T*	*P-16*	*P-16T*
	Sample ID:	*WG-12616-062413-DN-02*	*WG-12616-062413-DN-03*	*WG-12616-062513-DN-14*	*WG-12616-062513-DN-15*
	Sample Date:	*6/24/2013*	*6/24/2013*	*6/25/2013*	*6/25/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-15*	*P-15T*	*P-16*	*P-16T*
	Sample ID:	*WG-12616-062413-DN-02*	*WG-12616-062413-DN-03*	*WG-12616-062513-DN-14*	*WG-12616-062513-DN-15*
	Sample Date:	*6/24/2013*	*6/24/2013*	*6/25/2013*	*6/25/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-18*	*P-18T*	*P-20*	*P-21*
	Sample ID:	*WG-12616-062413-DN-08*	*WG-12616-062413-DN-07*	*WG-12616-062613-DN-24*	*WG-12616-062513-DN-16*
	Sample Date:	*6/24/2013*	*6/24/2013*	*6/26/2013*	*6/25/2013*
Parameters	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-18*	*P-18T*	*P-20*	*P-21*
	Sample ID:	*WG-12616-062413-DN-08*	*WG-12616-062413-DN-07*	*WG-12616-062613-DN-24*	*WG-12616-062513-DN-16*
	Sample Date:	*6/24/2013*	*6/24/2013*	*6/26/2013*	*6/25/2013*
Parameters	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	0.42 J	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-21T*	*Rinse Blank*	*Trip Blank*
	Sample ID:	*WG-12616-062513-DN-17*	*RB-12616-062913-DN-46*	*TB-12616-001*
	Sample Date:	*6/25/2013*	*6/29/2013*	*6/24/2013*
			(other)	*(other)*
Parameters	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	1.2 J	10 U
2-Hexanone	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U
Acetone	µg/L	10 U	1.9 J	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
QUARTERLY GROUNDWATER MONITORING
RACER-ELRYIA SITE
ELYRIA, OHIO
JUNE 2013

	Sample Location:	*P-21T*	*Rinse Blank*	*Trip Blank*
	Sample ID:	*WG-12616-062513-DN-17*	*RB-12616-062913-DN-46*	*TB-12616-001*
	Sample Date:	*6/25/2013*	*6/29/2013*	*6/24/2013*
			(other)	*(other)*
Parameters	***Units***			
Volatile Organic Compounds (Continued)				
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U

Notes:

J Estimated concentration.
U Not present at or above the associated value.
UJ Estimated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	Methylene chloride	07/11/13	14.3	WG-12616-062913-DN-42	28	28 U	µg/L
			2.1	WG-12616-062913-DN-43	3.3	3.3 U	µg/L
			7.2	WG-12616-062913-DN-45	16	16 U	µg/L

Notes:

* Blank result adjusted for sample factors where applicable.
U Not detected at the associated reporting limit.
VOCs Volatile organic compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
VOCs	WG-12616-062813-DN-39	1,1,1-Trichloroethane	102	66	43	68-121	0-30	1.0 UJ	µg/L
		1,1,2,2-Tetrachloroethane	77	45	52	63-122	0-30	1.0 UJ	µg/L
		1,1,2-Trichloroethane	95	57	50	75-115	0-30	1.0 UJ	µg/L
		1,1-Dichloroethane	94	61	43	79-116	0-30	1.0 UJ	µg/L
		1,1-Dichloroethene	109	71	43	74-135	0-30	1.0 UJ	µg/L
		1,2-Dibromoethane (Ethylene dibromide)	89	57	44	74-113	0-30	1.0 UJ	µg/L
		1,2-Dichlorobenzene	90	50	56	75-111	0-30	1.0 UJ	µg/L
		1,2-Dichloroethane	91	58	44	68-129	0-30	1.0 UJ	µg/L
		1,2-Dichloropropane	95	61	44	78-115	0-30	1.0 UJ	µg/L
		1,3-Dichlorobenzene	86	54	47	73-110	0-30	1.0 UJ	µg/L
		1,4-Dichlorobenzene	84	49	43	75-110	0-30	1.0 UJ	µg/L
		2-Butanone	71	46	42	54-129	0-30	10 UJ	µg/L
		2-Hexanone	66	42	44	47-139	0-30	10 UJ	µg/L
		4-Methyl-2-pentanone	75	47	45	56-131	0-30	10 UJ	µg/L
		Benzene	93	61	42	72-121	0-30	1.0 UJ	µg/L
		Bromodichloromethane	97	61	46	67-120	0-30	1.0 UJ	µg/L
		Chlorobenzene	93	57	49	80-110	0-30	1.0 UJ	µg/L
		Chloroform (Trichloromethane)	93	60	43	76-118	0-30	1.0 UJ	µg/L
		cis-1,2-Dichloroethene	95	60	45	70-120	0-30	1.0 UJ	µg/L
		cis-1,3-Dichloropropene	78	49	45	51-110	0-30	1.0 UJ	µg/L
		Ethylbenzene	86	53	49	75-116	0-30	1.0 UJ	µg/L
		Isopropyl benzene	80	48	50	68-116	0-30	1.0 UJ	µg/L
		Methylene chloride	105	59	56	63-128	0-30	1.0 UJ	µg/L
		Styrene	91	52	55	71-117	0-30	1.0 UJ	µg/L

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
VOCs	WG-12616-062813-DN-39	Tetrachloroethene	100	62	47	70-117	0-30	1.0 UJ	µg/L
		Toluene	89	54	49	78-114	0-30	1.0 UJ	µg/L
		trans-1,2-Dichloroethene	95	64	39	80-119	0-30	1.0 UJ	µg/L
		Xylenes (total)	90	53	52	76-116	0-30	2.0 UJ	µg/L

Notes:

MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent difference.
VOCs Volatile organic compounds.
UJ The analyte was not detected above the sample quantitation limit. The reported quantitation limit is an estimated quantity.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
QUARTERLY GROUNDWATER MONITORING
RACER-ELYRIA SITE
ELYRIA, OHIO
JUNE 2013

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	06/29/13	Acetone	1.9	WG-12616-062713-DN-30	1.9 J	17 U	µg/L
				WG-12616-062713-DN-31	2.2 J	17 U	µg/L

Notes:

J Estimated concentration.
U Not detected at the associated reporting limit.
VOCs Volatile organic compounds.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew LaVine

REF. NO.: 012616-T02

FROM: Angela Bown/eew/13-NF *AB/eew*

DATE: August 27, 2013

E-Mail and Hard Copy if Requested

RE: Analytical Results and Reduced Validation
2013 RFI Soil Sampling
RACER - Elyria Site
Elyria, Ohio
July 2013

INTRODUCTION

The following document details a reduced validation of analytical results for soil samples collected in support of the 2013 RFI Soil Sampling event at the RACER - Elyria Site during July 2013. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes; and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and the documents entitled:

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999

ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

Items i) and ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

All samples were properly preserved and delivered on ice and stored by the laboratory at the required temperature (0-6°C).

LABORATORY METHOD BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Most method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation. Table 4 presents the sample results that were qualified due to analyte concentrations in the method blanks.

SURROGATE SPIKE RECOVERIES – ORGANIC ANALYSES

In accordance with the methods employed, all samples, blanks and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compounds (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Some extremely low (<10% recovery) surrogate recoveries were reported. All associated detected results were qualified as estimated. Associated non-detect results were rejected based on the poor analytical efficiency. Table 5 presents the sample results that were qualified or rejected due to outlying surrogate recoveries.

LABORATORY CONTROL SAMPLE (LCS) ANALYSES

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Organic Analyses

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

Inorganic Analyses
The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration (greater than 4 times), the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

Inorganic Analyses
The MS/MSD samples were spiked with the analytes of interest and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

FIELD QA/QC SAMPLES

The field QA/QC consisted of four (4) field duplicate sample sets.

Field Duplicate Sample Analysis
To assess the analytical and sampling protocol precision, four (4) field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is two times the PQL value for soil samples.

Most field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision. Table 6 presents the sample results that were qualified due to variability in the field duplicate results.

ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

All soil results were reported on a dry weight basis.

MISCELLANEOUS

Most sample dry weights were greater than 50%. Table 7 presents the sample data that were qualified due to low percent solid content. All associated results were qualified as estimated as the amount of moisture present can introduce analytical variability.

CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted with the exception of the following:

- VOC non-detect data were rejected in sample S-12616-071113-DN-22 due to surrogate recovery failures (see Table 5).

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*		*Comments*
							TCL VOCs	*Select Metals*	
TestAmerica Job Number: 240-26831									
S-12616-070913-DN-01	BH01-13	Soil	5	7.5	07/09/2013	10:15		X	
S-12616-070913-DN-02	BH02-13	Soil	1	2.5	07/09/2013	10:50		X	
S-12616-070913-DN-03	BH07-13	Soil	2.5	5	07/09/2013	13:20		X	
S-12616-070913-DN-04	BH07-13	Soil	5	7.5	07/09/2013	13:45		X	
S-12616-070913-DN-05	BH08-13	Soil	2.5	5	07/09/2013	14:20		X	
S-12616-070913-DN-06	BH08-13	Soil	7.5	10	07/09/2013	14:30		X	
S-12616-070913-DN-07	BH09-13	Soil	3.5	5	07/09/2013	15:00		X	
S-12616-070913-DN-08	BH10-13	Soil	6	8	07/09/2013	15:40		X	
S-12616-071013-DN-09	BH13-13	Soil	2.5	5	07/10/2013	09:20		X	
S-12616-071013-DN-10	BH14-13	Soil	0	2.5	07/10/2013	10:15		X	
S-12616-071013-DN-11	BH17-13	Soil	5	7.5	07/10/2013	11:20		X	
S-12616-071013-DN-12	BH18-13	Soil	2.5	5	07/10/2013	12:05		X	
S-12616-071013-DN-13	BH19-13	Soil	5	6	07/10/2013	12:50		X	
S-12616-071113-DN-14	BH22-13	Soil	5	7.5	07/11/2013	09:45		X	
S-12616-071113-DN-15	BH23-13	Soil	2.5	5	07/11/2013	10:40		X	
S-12616-071113-DN-16	BH25-13	Soil	2.5	5	07/11/2013	11:50		X	
S-12616-071113-DN-17	BH25-13	Soil	5	7.5	07/11/2013	12:00		X	
S-12616-071113-DN-18	BH26-13	Soil	0	2.5	07/11/2013	12:45		X	
S-12616-071113-DN-19	BH26-13	Soil	2.5	5	07/11/2013	13:45		X	MS/MSD
S-12616-071113-DN-20	BH27-13	Soil	0	2.5	07/11/2013	14:10		X	
S-12616-071113-DN-21	BH27-13	Soil	0	2.5	07/11/2013	14:30		X	Field Duplicate of S-12616-071113-DN-20
S-12616-071113-DN-22	BH27-13	Soil	2.5	5	07/11/2013	14:50	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*		*Comments*
							TCL VOCs	*Select Metals*	
TestAmerica Job Number: 240-26831									
S-12616-071113-DN-23	BH28-13	Soil	2.5	5	07/11/2013	15:30		X	
S-12616-071213-DN-24	BH30-13	Soil	0	2.5	07/12/2013	09:20		X	
S-12616-071213-DN-25	BH31-13	Soil	2.5	5	07/12/2013	09:45		X	
S-12616-071213-DN-26	BH32-13	Soil	2.5	5	07/12/2013	10:20		X	
S-12616-071213-DN-27	BH33-13	Soil	5	7.5	07/12/2013	10:45		X	
S-12616-071213-DN-28	BH34-13	Soil	2.5	5	07/12/2013	11:25		X	
S-12616-071213-DN-29	BH36-13	Soil	2.5	5	07/12/2013	11:50		X	
S-12616-071213-DN-30	BH37-13	Soil	7.5	10	07/12/2013	12:30		X	
S-12616-071213-DN-31	BH38-13	Soil	2.5	5	07/12/2013	12:40		X	
S-12616-071213-DN-32	BH38-13	Soil	5	7.5	07/12/2013	12:50		X	
S-12616-071213-DN-33	BH39-13	Soil	2.5	5	07/12/2013	14:00		X	
S-12616-071213-DN-34	BH41-13	Soil	2.5	5	07/12/2013	14:40		X	
S-12616-071213-DN-35	BH42-13	Soil	0	2.5	07/12/2013	15:10		X	
TestAmerica Job Number: 240-27102									
S-12616-071513-DN-36	BH43-13	Soil	0	2.5	07/15/2013	09:05		X	MS/MSD
S-12616-071513-DN-37	BH43-13	Soil	2.5	5	07/15/2013	09:20		X	
S-12616-071513-DN-38	BH44-13	Soil	2.5	5	07/15/2013	09:55		X	
S-12616-071513-DN-39	BH45-13	Soil	2.5	5	07/15/2013	10:45		X	
S-12616-071513-DN-40	BH45-13	Soil	5	7.5	07/15/2013	11:05		X	
S-12616-071513-DN-41	BH46-13	Soil	2.5	5	07/15/2013	11:45		X	
S-12616-071513-DN-42	BH47-13	Soil	2.5	5	07/15/2013	12:10		X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*		*Comments*
							TCL VOCs	*Select Metals*	
TestAmerica Job Number: 240-27102									
S-12616-071513-DN-43	BH48-13	Soil	2.5	5	07/15/2013	12:45		X	
S-12616-071513-DN-44	BH48-13	Soil	2.5	5	07/15/2013	12:55		X	Field Duplicate of S-12616-071513-DN-43
S-12616-071513-DN-45	BH49-13	Soil	0	2.5	07/15/2013	13:00		X	
S-12616-071513-DN-46	BH50-13	Soil	2.5	5	07/15/2013	14:15		X	
S-12616-071513-DN-47	BH51-13	Soil	0	2.5	07/15/2013	15:30		X	
S-12616-071513-DN-48	BH52-13	Soil	0	2.5	07/15/2013	16:45		X	
S-12616-071613-DN-49	BH54-13	Soil	2.5	5	07/16/2013	13:25		X	
S-12616-071613-DN-50	BH55-13	Soil	0	2.5	07/16/2013	14:00		X	
S-12616-071613-DN-51	BH56-13	Soil	2.5	5	07/16/2013	14:30		X	
S-12616-071613-DN-52	BH57-13	Soil	2.5	5	07/16/2013	14:50		X	
S-12616-071613-DN-53	BH58-13	Soil	0	2.5	07/16/2013	15:35		X	
S-12616-071613-DN-54	BH58-13	Soil	2.5	5	07/16/2013	15:50		X	
S-12616-071613-DN-55	BH58-13	Soil	5	7.5	07/16/2013	16:10		X	
S-12616-071613-DN-56	BH59-13	Soil	0	2.5	07/16/2013	16:50		X	MS/MSD
S-12616-071613-DN-57	BH59-13	Soil	2.5	5	07/16/2013	17:05		X	
S-12616-071613-DN-58	BH59-13	Soil	5	7.5	07/16/2013	17:20		X	
S-12616-071613-DN-59	BH61-13	Soil	2.5	5	07/16/2013	17:35		X	
S-12616-071713-DN-60	BH64-13	Soil	5	7.5	07/17/2013	10:05		X	
S-12616-071713-DN-61	BH65-13	Soil	5	7.5	07/17/2013	10:40		X	
S-12616-071713-DN-62	BH65-13	Soil	5	7.5	07/17/2013	11:00		X	Field Duplicate of S-12616-071713-DN-61
S-12616-071713-DN-63	BH66-13	Soil	5	7.5	07/17/2013	11:20		X	
S-12616-071713-DN-64	BH67-13	Soil	2.5	5	07/17/2013	11:50		X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*		*Comments*
							TCL VOCs	*Select Metals*	
TestAmerica Job Number: 240-27102									
S-12616-071713-DN-65	BH68-13	Soil	2.5	5	07/17/2013	12:30		X	
S-12616-071713-DN-66	BH69-13	Soil	2.5	5	07/17/2013	13:05		X	
S-12616-071713-DN-67	BH70-13	Soil	0	2	07/17/2013	14:20		X	
S-12616-071713-DN-68	BH70-13	Soil	5	7.5	07/17/2013	14:40		X	
S-12616-071713-DN-69	BH71-13	Soil	0	2.5	07/17/2013	15:00		X	
S-12616-071713-DN-70	BH71-13	Soil	2.5	5	07/17/2013	15:15		X	
S-12616-071713-DN-71	BH71-13	Soil	5	7.5	07/17/2013	15:30		X	
S-12616-071713-DN-72	BH73-13	Soil	0	2.5	07/17/2013	16:45		X	
S-12616-071813-DN-73	BH76-13	Soil	0	2.5	07/18/2013	09:10		X	
S-12616-071813-DN-74	BH77-13	Soil	2.5	5	07/18/2013	10:05		X	
S-12616-071813-DN-75	BH78-13	Soil	0	2.5	07/18/2013	10:55		X	
S-12616-071813-DN-76	BH79-13	Soil	0	2.5	07/18/2013	11:40		X	MS/MSD
S-12616-071813-DN-77	BH81-13	Soil	0	2.5	07/18/2013	12:40		X	
S-12616-071813-DN-78	BH82-13	Soil	0	2.5	07/18/2013	13:10		X	
S-12616-071813-DN-79	BH83-13	Soil	2.5	5	07/18/2013	14:10		X	
S-12616-071813-DN-80	BH84-13	Soil	0	2.5	07/18/2013	14:40		X	
S-12616-071813-DN-81	BH85-13	Soil	0	2.5	07/18/2013	14:55		X	
S-12616-071813-DN-82	BH86-13	Soil	0	2.5	07/18/2013	15:10		X	
S-12616-071813-DN-83	BH86-13	Soil	0	2.5	07/18/2013	15:25		X	Field Duplicate of S-12616-071813-DN-82
S-12616-071813-DN-84	BH86-13	Soil	2.5	5	07/18/2013	15:45		X	
S-12616-071813-DN-85	BH87-13	Soil	0	2.5	07/18/2013	16:05		X	
S-12616-071813-DN-86	BH87-13	Soil	5	7.5	07/18/2013	16:15		X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*		*Comments*
							TCL VOCs	*Select Metals*	
TestAmerica Job Number: 240-27102									
S-12616-071813-DN-87	BH88-13	Soil	0	2.5	07/18/2013	16:25		X	
S-12616-071813-DN-88	BH89-13	Soil	0	2.5	07/18/2013	16:30		X	
S-12616-071813-DN-89	BH90-13	Soil	0	2.5	07/18/2013	16:35		X	
S-12616-071813-DN-90	BH90-13	Soil	2.5	5	07/18/2013	16:40		X	
S-12616-071913-DN-91	BH92-13	Soil	0	2.5	07/19/2013	10:10		X	
S-12616-071913-DN-92	BH93-13	Soil	0	2.5	07/19/2013	10:55		X	
S-12616-071913-DN-93	BH95-13	Soil	0	2.5	07/19/2013	12:15		X	
S-12616-071913-DN-94	BH96-13	Soil	2.5	5	07/19/2013	13:10		X	
S-12616-071913-DN-95	BH97-13	Soil	0	2.5	07/19/2013	14:20		X	
S-12616-071913-DN-96	BH98-13	Soil	0	2.5	07/19/2013	15:05		X	
S-12616-071913-DN-97	BH100-13	Soil	0	2.5	07/19/2013	16:10		X	
S-12616-071913-DN-98	BH101-13	Soil	2.5	5	07/19/2013	16:55		X	

Notes:

ft. bgs	Feet below ground surface.
MS	Matrix spike.
MSD	Matrix spike duplicate.
TCL	Target compound list.
VOCs	Volatile organic compounds.

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH01-13*	*BH02-13*	*BH07-13*	*BH07-13*	*BH08-13*
	Sample ID:	*S-12616-070913-DN-01*	*S-12616-070913-DN-02*	*S-12616-070913-DN-03*	*S-12616-070913-DN-04*	*S-12616-070913-DN-05*
	Sample Date:	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/9/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(1-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH01-13*	*BH02-13*	*BH07-13*	*BH07-13*	*BH08-13*
	Sample ID:	*S-12616-070913-DN-01*	*S-12616-070913-DN-02*	*S-12616-070913-DN-03*	*S-12616-070913-DN-04*	*S-12616-070913-DN-05*
	Sample Date:	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/9/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(1-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH01-13*	*BH02-13*	*BH07-13*	*BH07-13*	*BH08-13*
	Sample ID:	*S-12616-070913-DN-01*	*S-12616-070913-DN-02*	*S-12616-070913-DN-03*	*S-12616-070913-DN-04*	*S-12616-070913-DN-05*
	Sample Date:	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/9/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(1-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	17	16	20 J	16	43 J
Copper	mg/kg	190	420	2200	390	13000 J
Manganese	mg/kg	580	400	460	270	180 J
Nickel	mg/kg	340	690	4100	940	26000 J
Zinc	mg/kg	210	350	1500	390	9400 J

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:	*BH08-13*	*BH09-13*	*BH10-13*	*BH13-13*	*BH14-13*
Sample ID:	*S-12616-070913-DN-06*	*S-12616-070913-DN-07*	*S-12616-070913-DN-08*	*S-12616-071013-DN-09*	*S-12616-071013-DN-10*
Sample Date:	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/10/2013*	*7/10/2013*
Sample Depth:	*(7.5-10) ft BGS*	*(3.5-5) ft BGS*	*(6-8) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH08-13*	*BH09-13*	*BH10-13*	*BH13-13*	*BH14-13*
	Sample ID:	*S-12616-070913-DN-06*	*S-12616-070913-DN-07*	*S-12616-070913-DN-08*	*S-12616-071013-DN-09*	*S-12616-071013-DN-10*
	Sample Date:	*7/9/2013*	*7/9/2013*	*7/9/2013*	*7/10/2013*	*7/10/2013*
	Sample Depth:	*(7.5-10) ft BGS*	*(3.5-5) ft BGS*	*(6-8) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH08-13***	***BH09-13***	***BH10-13***	***BH13-13***	***BH14-13***
	Sample ID:	***S-12616-070913-DN-06***	***S-12616-070913-DN-07***	***S-12616-070913-DN-08***	***S-12616-071013-DN-09***	***S-12616-071013-DN-10***
	Sample Date:	***7/9/2013***	***7/9/2013***	***7/9/2013***	***7/10/2013***	***7/10/2013***
	Sample Depth:	***(7.5-10) ft BGS***	***(3.5-5) ft BGS***	***(6-8) ft BGS***	***(2.5-5) ft BGS***	***(0-2.5) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	860 U	42 J	1800 UJ	9.6	13
Copper	mg/kg	6000	13000 J	19000 J	280	48
Manganese	mg/kg	450	300 J	510 J	150	380
Nickel	mg/kg	12000	23000 J	34000 J	600	75
Zinc	mg/kg	4500	8800 J	9600 J	400	85

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH17-13*	*BH18-13*	*BH19-13*	*BH22-13*	*BH23-13*
	Sample ID:	*S-12616-071013-DN-11*	*S-12616-071013-DN-12*	*S-12616-071013-DN-13*	*S-12616-071113-DN-14*	*S-12616-071113-DN-15*
	Sample Date:	*7/10/2013*	*7/10/2013*	*7/10/2013*	*7/11/2013*	*7/11/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(5-6) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH17-13*	*BH18-13*	*BH19-13*	*BH22-13*	*BH23-13*
	Sample ID:	*S-12616-071013-DN-11*	*S-12616-071013-DN-12*	*S-12616-071013-DN-13*	*S-12616-071113-DN-14*	*S-12616-071113-DN-15*
	Sample Date:	*7/10/2013*	*7/10/2013*	*7/10/2013*	*7/11/2013*	*7/11/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(5-6) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH17-13***	***BH18-13***	***BH19-13***	***BH22-13***	***BH23-13***
	Sample ID:	***S-12616-071013-DN-11***	***S-12616-071013-DN-12***	***S-12616-071013-DN-13***	***S-12616-071113-DN-14***	***S-12616-071113-DN-15***
	Sample Date:	***7/10/2013***	***7/10/2013***	***7/10/2013***	***7/11/2013***	***7/11/2013***
	Sample Depth:	***(5-7.5) ft BGS***	***(2.5-5) ft BGS***	***(5-6) ft BGS***	***(5-7.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	19 J	19 J	48 J	6.8	0.99 J
Copper	mg/kg	2800	2500	14000 J	1000	220
Manganese	mg/kg	460	500	340 J	590	1300
Nickel	mg/kg	4800	4600	23000 J	310	44
Zinc	mg/kg	1900	1900	10000 J	1900	250

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH25-13*	*BH25-13*	*BH26-13*	*BH26-13*	*BH27-13*
	Sample ID:	*S-12616-071113-DN-16*	*S-12616-071113-DN-17*	*S-12616-071113-DN-18*	*S-12616-071113-DN-19*	*S-12616-071113-DN-20*
	Sample Date:	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/11/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH25-13*	*BH25-13*	*BH26-13*	*BH26-13*	*BH27-13*
	Sample ID:	*S-12616-071113-DN-16*	*S-12616-071113-DN-17*	*S-12616-071113-DN-18*	*S-12616-071113-DN-19*	*S-12616-071113-DN-20*
	Sample Date:	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/11/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH25-13*	*BH25-13*	*BH26-13*	*BH26-13*	*BH27-13*
	Sample ID:	*S-12616-071113-DN-16*	*S-12616-071113-DN-17*	*S-12616-071113-DN-18*	*S-12616-071113-DN-19*	*S-12616-071113-DN-20*
	Sample Date:	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/11/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	11	17 J	13 J	17 J	11
Copper	mg/kg	11000	21000	21000	27000	6100
Manganese	mg/kg	460	1700	520	2500	400
Nickel	mg/kg	2000	4200	4100	3400	1200
Zinc	mg/kg	9400	17000	17000	29000	6400

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH27-13*	*BH27-13*	*BH28-13*	*BH30-13*	*BH31-13*
	Sample ID:	*S-12616-071113-DN-21*	*S-12616-071113-DN-22*	*S-12616-071113-DN-23*	*S-12616-071213-DN-24*	*S-12616-071213-DN-25*
	Sample Date:	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(0-2.5) ft BGS (Duplicate)*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	R	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	R	-	-	-
1,1,2-Trichloroethane	µg/kg	-	R	-	-	-
1,1-Dichloroethane	µg/kg	-	R	-	-	-
1,1-Dichloroethene	µg/kg	-	R	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	R	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	R	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	R	-	-	-
1,2-Dichlorobenzene	µg/kg	-	R	-	-	-
1,2-Dichloroethane	µg/kg	-	R	-	-	-
1,2-Dichloropropane	µg/kg	-	R	-	-	-
1,3-Dichlorobenzene	µg/kg	-	R	-	-	-
1,4-Dichlorobenzene	µg/kg	-	R	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	R	-	-	-
2-Hexanone	µg/kg	-	R	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	R	-	-	-
Acetone	µg/kg	-	R	-	-	-
Benzene	µg/kg	-	R	-	-	-
Bromodichloromethane	µg/kg	-	R	-	-	-
Bromoform	µg/kg	-	R	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	R	-	-	-
Carbon disulfide	µg/kg	-	R	-	-	-
Carbon tetrachloride	µg/kg	-	R	-	-	-
Chlorobenzene	µg/kg	-	R	-	-	-
Chloroethane	µg/kg	-	R	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH27-13*	*BH27-13*	*BH28-13*	*BH30-13*	*BH31-13*
	Sample ID:	*S-12616-071113-DN-21*	*S-12616-071113-DN-22*	*S-12616-071113-DN-23*	*S-12616-071213-DN-24*	*S-12616-071213-DN-25*
	Sample Date:	*7/11/2013*	*7/11/2013*	*7/11/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(0-2.5) ft BGS (Duplicate)*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	R	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	R	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	R	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	R	-	-	-
Cyclohexane	µg/kg	-	R	-	-	-
Dibromochloromethane	µg/kg	-	R	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	R	-	-	-
Ethylbenzene	µg/kg	-	230000 J	-	-	-
Isopropyl benzene	µg/kg	-	23000 J	-	-	-
Methyl acetate	µg/kg	-	R	-	-	-
Methyl cyclohexane	µg/kg	-	8500 J	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	R	-	-	-
Methylene chloride	µg/kg	-	R	-	-	-
Styrene	µg/kg	-	R	-	-	-
Tetrachloroethene	µg/kg	-	R	-	-	-
Toluene	µg/kg	-	160000 J	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	R	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	R	-	-	-
Trichloroethene	µg/kg	-	R	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	R	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	R	-	-	-
Vinyl chloride	µg/kg	-	R	-	-	-
Xylenes (total)	µg/kg	-	1500000 J	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH27-13***	***BH27-13***	***BH28-13***	***BH30-13***	***BH31-13***
	Sample ID:	***S-12616-071113-DN-21***	***S-12616-071113-DN-22***	***S-12616-071113-DN-23***	***S-12616-071213-DN-24***	***S-12616-071213-DN-25***
	Sample Date:	***7/11/2013***	***7/11/2013***	***7/11/2013***	***7/12/2013***	***7/12/2013***
	Sample Depth:	***(0-2.5) ft BGS (Duplicate)***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	11 J	760 U	5.3	5.0 J	17 J
Copper	mg/kg	7300	28000	100	8.7	23000
Manganese	mg/kg	870	230	690	340	830
Nickel	mg/kg	1400	3400	80	11	5600
Zinc	mg/kg	6600	27000	230	40	18000

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH32-13*	*BH33-13*	*BH34-13*	*BH36-13*	*BH37-13*
	Sample ID:	*S-12616-071213-DN-26*	*S-12616-071213-DN-27*	*S-12616-071213-DN-28*	*S-12616-071213-DN-29*	*S-12616-071213-DN-30*
	Sample Date:	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(7.5-10) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH32-13*	*BH33-13*	*BH34-13*	*BH36-13*	*BH37-13*
	Sample ID:	*S-12616-071213-DN-26*	*S-12616-071213-DN-27*	*S-12616-071213-DN-28*	*S-12616-071213-DN-29*	*S-12616-071213-DN-30*
	Sample Date:	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(7.5-10) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH32-13***	***BH33-13***	***BH34-13***	***BH36-13***	***BH37-13***
	Sample ID:	***S-12616-071213-DN-26***	***S-12616-071213-DN-27***	***S-12616-071213-DN-28***	***S-12616-071213-DN-29***	***S-12616-071213-DN-30***
	Sample Date:	***7/12/2013***	***7/12/2013***	***7/12/2013***	***7/12/2013***	***7/12/2013***
	Sample Depth:	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(7.5-10) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	13	5.2 J	15 J	7.4	20
Copper	mg/kg	27000	40	42000	1200	28
Manganese	mg/kg	470	100	380	870	1000
Nickel	mg/kg	3000	15	3800	340	47
Zinc	mg/kg	30000	69	30000	1500	80

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH38-13*	*BH38-13*	*BH39-13*	*BH41-13*	*BH42-13*
	Sample ID:	*S-12616-071213-DN-31*	*S-12616-071213-DN-32*	*S-12616-071213-DN-33*	*S-12616-071213-DN-34*	*S-12616-071213-DN-35*
	Sample Date:	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH38-13*	*BH38-13*	*BH39-13*	*BH41-13*	*BH42-13*
	Sample ID:	*S-12616-071213-DN-31*	*S-12616-071213-DN-32*	*S-12616-071213-DN-33*	*S-12616-071213-DN-34*	*S-12616-071213-DN-35*
	Sample Date:	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH38-13*	*BH38-13*	*BH39-13*	*BH41-13*	*BH42-13*
	Sample ID:	*S-12616-071213-DN-31*	*S-12616-071213-DN-32*	*S-12616-071213-DN-33*	*S-12616-071213-DN-34*	*S-12616-071213-DN-35*
	Sample Date:	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*	*7/12/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	11	11	13	6.3	10
Copper	mg/kg	490	17	1400	510	5000
Manganese	mg/kg	1600	830	340	1600	370
Nickel	mg/kg	500	24	390	210	1300
Zinc	mg/kg	2400	50	1600	670	3900

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH43-13*	*BH43-13*	*BH44-13*	*BH45-13*	*BH45-13*
	Sample ID:	*S-12616-071513-DN-36*	*S-12616-071513-DN-37*	*S-12616-071513-DN-38*	*S-12616-071513-DN-39*	*S-12616-071513-DN-40*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH43-13*	*BH43-13*	*BH44-13*	*BH45-13*	*BH45-13*
	Sample ID:	*S-12616-071513-DN-36*	*S-12616-071513-DN-37*	*S-12616-071513-DN-38*	*S-12616-071513-DN-39*	*S-12616-071513-DN-40*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH43-13***	***BH43-13***	***BH44-13***	***BH45-13***	***BH45-13***
	Sample ID:	***S-12616-071513-DN-36***	***S-12616-071513-DN-37***	***S-12616-071513-DN-38***	***S-12616-071513-DN-39***	***S-12616-071513-DN-40***
	Sample Date:	***7/15/2013***	***7/15/2013***	***7/15/2013***	***7/15/2013***	***7/15/2013***
	Sample Depth:	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	1200 UJ	9.2	7.7	7.9	24
Copper	mg/kg	52000 J	8000	15000	1100	34000
Manganese	mg/kg	340 J	260	130	180	1900
Nickel	mg/kg	25000 J	90	1800	2000	4300
Zinc	mg/kg	65000 J	4600	35000	5000	32000

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH46-13*	*BH47-13*	*BH48-13*	*BH48-13*	*BH49-13*
	Sample ID:	*S-12616-071513-DN-41*	*S-12616-071513-DN-42*	*S-12616-071513-DN-43*	*S-12616-071513-DN-44*	*S-12616-071513-DN-45*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS (Duplicate)*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH46-13*	*BH47-13*	*BH48-13*	*BH48-13*	*BH49-13*
	Sample ID:	*S-12616-071513-DN-41*	*S-12616-071513-DN-42*	*S-12616-071513-DN-43*	*S-12616-071513-DN-44*	*S-12616-071513-DN-45*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS (Duplicate)*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH46-13*	*BH47-13*	*BH48-13*	*BH48-13*	*BH49-13*
	Sample ID:	*S-12616-071513-DN-41*	*S-12616-071513-DN-42*	*S-12616-071513-DN-43*	*S-12616-071513-DN-44*	*S-12616-071513-DN-45*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/15/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS (Duplicate)*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	14	14	21	21	37
Copper	mg/kg	50000	31000	18000	28000	22000
Manganese	mg/kg	340	200	580	620	360
Nickel	mg/kg	1200	5700	7100	8600	23000
Zinc	mg/kg	32000	57000	47000	41000	47000

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH50-13*	*BH51-13*	*BH52-13*	*BH54-13*	*BH55-13*
	Sample ID:	*S-12616-071513-DN-46*	*S-12616-071513-DN-47*	*S-12616-071513-DN-48*	*S-12616-071613-DN-49*	*S-12616-071613-DN-50*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/16/2013*	*7/16/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH50-13*	*BH51-13*	*BH52-13*	*BH54-13*	*BH55-13*
	Sample ID:	*S-12616-071513-DN-46*	*S-12616-071513-DN-47*	*S-12616-071513-DN-48*	*S-12616-071613-DN-49*	*S-12616-071613-DN-50*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/16/2013*	*7/16/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH50-13*	*BH51-13*	*BH52-13*	*BH54-13*	*BH55-13*
	Sample ID:	*S-12616-071513-DN-46*	*S-12616-071513-DN-47*	*S-12616-071513-DN-48*	*S-12616-071613-DN-49*	*S-12616-071613-DN-50*
	Sample Date:	*7/15/2013*	*7/15/2013*	*7/15/2013*	*7/16/2013*	*7/16/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	22	7.5	8.7	7.5	9.0
Copper	mg/kg	9800	480	730	540	510
Manganese	mg/kg	610	940	810	1200	1300
Nickel	mg/kg	5500	300	390	270	230
Zinc	mg/kg	76000	1300	2300	1300	1200

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH56-13*	*BH57-13*	*BH58-13*	*BH58-13*	*BH58-13*
	Sample ID:	*S-12616-071613-DN-51*	*S-12616-071613-DN-52*	*S-12616-071613-DN-53*	*S-12616-071613-DN-54*	*S-12616-071613-DN-55*
	Sample Date:	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH56-13*	*BH57-13*	*BH58-13*	*BH58-13*	*BH58-13*
	Sample ID:	*S-12616-071613-DN-51*	*S-12616-071613-DN-52*	*S-12616-071613-DN-53*	*S-12616-071613-DN-54*	*S-12616-071613-DN-55*
	Sample Date:	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH56-13*	*BH57-13*	*BH58-13*	*BH58-13*	*BH58-13*
	Sample ID:	*S-12616-071613-DN-51*	*S-12616-071613-DN-52*	*S-12616-071613-DN-53*	*S-12616-071613-DN-54*	*S-12616-071613-DN-55*
	Sample Date:	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	9.4	15	8.2	14	9.0
Copper	mg/kg	6700	150	700	5000	66
Manganese	mg/kg	670	390	770	990	250
Nickel	mg/kg	1100	41	250	2000	26
Zinc	mg/kg	10000	230	1400	6700	150

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH59-13*	*BH59-13*	*BH59-13*	*BH61-13*	*BH64-13*
	Sample ID:	*S-12616-071613-DN-56*	*S-12616-071613-DN-57*	*S-12616-071613-DN-58*	*S-12616-071613-DN-59*	*S-12616-071713-DN-60*
	Sample Date:	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/17/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH59-13*	*BH59-13*	*BH59-13*	*BH61-13*	*BH64-13*
	Sample ID:	*S-12616-071613-DN-56*	*S-12616-071613-DN-57*	*S-12616-071613-DN-58*	*S-12616-071613-DN-59*	*S-12616-071713-DN-60*
	Sample Date:	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/16/2013*	*7/17/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(5-7.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH59-13***	***BH59-13***	***BH59-13***	***BH61-13***	***BH64-13***
	Sample ID:	***S-12616-071613-DN-56***	***S-12616-071613-DN-57***	***S-12616-071613-DN-58***	***S-12616-071613-DN-59***	***S-12616-071713-DN-60***
	Sample Date:	***7/16/2013***	***7/16/2013***	***7/16/2013***	***7/16/2013***	***7/17/2013***
	Sample Depth:	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	8.5	4.5 J	11	7.8	0.54 J
Copper	mg/kg	3900	4700	36	35	8.3 J
Manganese	mg/kg	11000	110	320	470	3200
Nickel	mg/kg	1800	220	23	30	2.2 J
Zinc	mg/kg	11000	18000	170	210	5.7 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH65-13*	*BH65-13*	*BH66-13*	*BH67-13*	*BH68-13*
Sample ID:		*S-12616-071713-DN-61*	*S-12616-071713-DN-62*	*S-12616-071713-DN-63*	*S-12616-071713-DN-64*	*S-12616-071713-DN-65*
Sample Date:		*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*
Sample Depth:		*(5-7.5) ft BGS*	*(5-7.5) ft BGS (Duplicate)*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH65-13*	*BH65-13*	*BH66-13*	*BH67-13*	*BH68-13*
	Sample ID:	*S-12616-071713-DN-61*	*S-12616-071713-DN-62*	*S-12616-071713-DN-63*	*S-12616-071713-DN-64*	*S-12616-071713-DN-65*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(5-7.5) ft BGS (Duplicate)*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH65-13*	*BH65-13*	*BH66-13*	*BH67-13*	*BH68-13*
	Sample ID:	*S-12616-071713-DN-61*	*S-12616-071713-DN-62*	*S-12616-071713-DN-63*	*S-12616-071713-DN-64*	*S-12616-071713-DN-65*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(5-7.5) ft BGS (Duplicate)*	*(5-7.5) ft BGS*	*(2.5-5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	7.8 J	900 U	9.0 J	1100 UJ	670 U
Copper	mg/kg	2600 J	8400 J	69000	13000 J	7000
Manganese	mg/kg	1800	810	270	440 J	200
Nickel	mg/kg	3500 J	11000 J	2600	11000 J	8600
Zinc	mg/kg	3500 J	11000 J	15000	21000 J	6500

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH69-13*	*BH70-13*	*BH70-13*	*BH71-13*	*BH71-13*
	Sample ID:	*S-12616-071713-DN-66*	*S-12616-071713-DN-67*	*S-12616-071713-DN-68*	*S-12616-071713-DN-69*	*S-12616-071713-DN-70*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(0-2) ft BGS*	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH69-13*	*BH70-13*	*BH70-13*	*BH71-13*	*BH71-13*
	Sample ID:	*S-12616-071713-DN-66*	*S-12616-071713-DN-67*	*S-12616-071713-DN-68*	*S-12616-071713-DN-69*	*S-12616-071713-DN-70*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*	*7/17/2013*
	Sample Depth:	*(2.5-5) ft BGS*	*(0-2) ft BGS*	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH69-13***	***BH70-13***	***BH70-13***	***BH71-13***	***BH71-13***
	Sample ID:	***S-12616-071713-DN-66***	***S-12616-071713-DN-67***	***S-12616-071713-DN-68***	***S-12616-071713-DN-69***	***S-12616-071713-DN-70***
	Sample Date:	***7/17/2013***	***7/17/2013***	***7/17/2013***	***7/17/2013***	***7/17/2013***
	Sample Depth:	***(2.5-5) ft BGS***	***(0-2) ft BGS***	***(5-7.5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	13 J	7.0	11	8.7	8.0
Copper	mg/kg	18000	67	51	89	61
Manganese	mg/kg	380	1000	1200	980	570
Nickel	mg/kg	6300	130	26	95	23
Zinc	mg/kg	33000	230	96	340	150

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH71-13*	*BH73-13*	*BH76-13*	*BH77-13*	*BH78-13*
	Sample ID:	*S-12616-071713-DN-71*	*S-12616-071713-DN-72*	*S-12616-071813-DN-73*	*S-12616-071813-DN-74*	*S-12616-071813-DN-75*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH71-13*	*BH73-13*	*BH76-13*	*BH77-13*	*BH78-13*
	Sample ID:	*S-12616-071713-DN-71*	*S-12616-071713-DN-72*	*S-12616-071813-DN-73*	*S-12616-071813-DN-74*	*S-12616-071813-DN-75*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH71-13*	*BH73-13*	*BH76-13*	*BH77-13*	*BH78-13*
	Sample ID:	*S-12616-071713-DN-71*	*S-12616-071713-DN-72*	*S-12616-071813-DN-73*	*S-12616-071813-DN-74*	*S-12616-071813-DN-75*
	Sample Date:	*7/17/2013*	*7/17/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	5.6 J	6.8 J	13	7.1	14
Copper	mg/kg	1200	1100	40	26	44
Manganese	mg/kg	160	1100	1100	420	460
Nickel	mg/kg	2100	140	53	17	48
Zinc	mg/kg	690	1900	140	82	150

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH79-13*	*BH81-13*	*BH82-13*	*BH83-13*	*BH84-13*
	Sample ID:	*S-12616-071813-DN-76*	*S-12616-071813-DN-77*	*S-12616-071813-DN-78*	*S-12616-071813-DN-79*	*S-12616-071813-DN-80*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH79-13*	*BH81-13*	*BH82-13*	*BH83-13*	*BH84-13*
	Sample ID:	*S-12616-071813-DN-76*	*S-12616-071813-DN-77*	*S-12616-071813-DN-78*	*S-12616-071813-DN-79*	*S-12616-071813-DN-80*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH79-13*	*BH81-13*	*BH82-13*	*BH83-13*	*BH84-13*
	Sample ID:	*S-12616-071813-DN-76*	*S-12616-071813-DN-77*	*S-12616-071813-DN-78*	*S-12616-071813-DN-79*	*S-12616-071813-DN-80*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	5.7	6.3	8.2	7.9	7.9
Copper	mg/kg	9.0	170	130	26	53
Manganese	mg/kg	240	140	740	1600	600
Nickel	mg/kg	14	47	100	34	58
Zinc	mg/kg	54	150	750	83	130

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH85-13*	*BH86-13*	*BH86-13*	*BH86-13*	*BH87-13*
Sample ID:		*S-12616-071813-DN-81*	*S-12616-071813-DN-82*	*S-12616-071813-DN-83*	*S-12616-071813-DN-84*	*S-12616-071813-DN-85*
Sample Date:		*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
Sample Depth:		*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS (Duplicate)*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH85-13*	*BH86-13*	*BH86-13*	*BH86-13*	*BH87-13*
	Sample ID:	*S-12616-071813-DN-81*	*S-12616-071813-DN-82*	*S-12616-071813-DN-83*	*S-12616-071813-DN-84*	*S-12616-071813-DN-85*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS (Duplicate)*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH85-13*	*BH86-13*	*BH86-13*	*BH86-13*	*BH87-13*
	Sample ID:	*S-12616-071813-DN-81*	*S-12616-071813-DN-82*	*S-12616-071813-DN-83*	*S-12616-071813-DN-84*	*S-12616-071813-DN-85*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS (Duplicate)*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	6.0	7.5	7.2	7.7	7.9
Copper	mg/kg	120	150	82	78	160
Manganese	mg/kg	500	960	520	2000	640
Nickel	mg/kg	42	160	100	130	82
Zinc	mg/kg	340	630	550	500	210

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH87-13*	*BH88-13*	*BH89-13*	*BH90-13*	*BH90-13*
	Sample ID:	*S-12616-071813-DN-86*	*S-12616-071813-DN-87*	*S-12616-071813-DN-88*	*S-12616-071813-DN-89*	*S-12616-071813-DN-90*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH87-13*	*BH88-13*	*BH89-13*	*BH90-13*	*BH90-13*
	Sample ID:	*S-12616-071813-DN-86*	*S-12616-071813-DN-87*	*S-12616-071813-DN-88*	*S-12616-071813-DN-89*	*S-12616-071813-DN-90*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH87-13*	*BH88-13*	*BH89-13*	*BH90-13*	*BH90-13*
	Sample ID:	*S-12616-071813-DN-86*	*S-12616-071813-DN-87*	*S-12616-071813-DN-88*	*S-12616-071813-DN-89*	*S-12616-071813-DN-90*
	Sample Date:	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*	*7/18/2013*
	Sample Depth:	*(5-7.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	12	240 UJ	280 UJ	8.6	180 U
Copper	mg/kg	23	5000 J	5400 J	480	1200
Manganese	mg/kg	1100	1400 J	540 J	480	260
Nickel	mg/kg	37	11000 J	14000 J	1700	2200
Zinc	mg/kg	63	2700 J	2500 J	250	660

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH92-13*	*BH93-13*	*BH95-13*	*BH96-13*	*BH97-13*
	Sample ID:	*S-12616-071913-DN-91*	*S-12616-071913-DN-92*	*S-12616-071913-DN-93*	*S-12616-071913-DN-94*	*S-12616-071913-DN-95*
	Sample Date:	*7/19/2013*	*7/19/2013*	*7/19/2013*	*7/19/2013*	*7/19/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	-	-	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-	-	-
2-Hexanone	µg/kg	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-	-	-
Acetone	µg/kg	-	-	-	-	-
Benzene	µg/kg	-	-	-	-	-
Bromodichloromethane	µg/kg	-	-	-	-	-
Bromoform	µg/kg	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-	-	-
Carbon disulfide	µg/kg	-	-	-	-	-
Carbon tetrachloride	µg/kg	-	-	-	-	-
Chlorobenzene	µg/kg	-	-	-	-	-
Chloroethane	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH92-13*	*BH93-13*	*BH95-13*	*BH96-13*	*BH97-13*
	Sample ID:	*S-12616-071913-DN-91*	*S-12616-071913-DN-92*	*S-12616-071913-DN-93*	*S-12616-071913-DN-94*	*S-12616-071913-DN-95*
	Sample Date:	*7/19/2013*	*7/19/2013*	*7/19/2013*	*7/19/2013*	*7/19/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Volatile Organic Compounds (continued)						
Chloroform (Trichloromethane)	µg/kg	-	-	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Cyclohexane	µg/kg	-	-	-	-	-
Dibromochloromethane	µg/kg	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-	-	-
Ethylbenzene	µg/kg	-	-	-	-	-
Isopropyl benzene	µg/kg	-	-	-	-	-
Methyl acetate	µg/kg	-	-	-	-	-
Methyl cyclohexane	µg/kg	-	-	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-	-	-
Methylene chloride	µg/kg	-	-	-	-	-
Styrene	µg/kg	-	-	-	-	-
Tetrachloroethene	µg/kg	-	-	-	-	-
Toluene	µg/kg	-	-	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-	-	-
Trichloroethene	µg/kg	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-	-	-
Vinyl chloride	µg/kg	-	-	-	-	-
Xylenes (total)	µg/kg	-	-	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH92-13*	*BH93-13*	*BH95-13*	*BH96-13*	*BH97-13*
	Sample ID:	*S-12616-071913-DN-91*	*S-12616-071913-DN-92*	*S-12616-071913-DN-93*	*S-12616-071913-DN-94*	*S-12616-071913-DN-95*
	Sample Date:	*7/19/2013*	*7/19/2013*	*7/19/2013*	*7/19/2013*	*7/19/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*	*(0-2.5) ft BGS*
Parameters:	***Units***					
Metals						
Cobalt	mg/kg	4.9 J	8.2	13	7.0 J	11 J
Copper	mg/kg	58	630	21	1300	1100
Manganese	mg/kg	70	200	700	250	860
Nickel	mg/kg	270	960	32	3200	1900
Zinc	mg/kg	84	230	57	450	330

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH98-13***	***BH100-13***	***BH101-13***
	Sample ID:	***S-12616-071913-DN-96***	***S-12616-071913-DN-97***	***S-12616-071913-DN-98***
	Sample Date:	***7/19/2013***	***7/19/2013***	***7/19/2013***
	Sample Depth:	***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/kg	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	-	-	-
1,1,2-Trichloroethane	µg/kg	-	-	-
1,1-Dichloroethane	µg/kg	-	-	-
1,1-Dichloroethene	µg/kg	-	-	-
1,2,4-Trichlorobenzene	µg/kg	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	-	-	-
1,2-Dichlorobenzene	µg/kg	-	-	-
1,2-Dichloroethane	µg/kg	-	-	-
1,2-Dichloropropane	µg/kg	-	-	-
1,3-Dichlorobenzene	µg/kg	-	-	-
1,4-Dichlorobenzene	µg/kg	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	-	-	-
2-Hexanone	µg/kg	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	-	-	-
Acetone	µg/kg	-	-	-
Benzene	µg/kg	-	-	-
Bromodichloromethane	µg/kg	-	-	-
Bromoform	µg/kg	-	-	-
Bromomethane (Methyl bromide)	µg/kg	-	-	-
Carbon disulfide	µg/kg	-	-	-
Carbon tetrachloride	µg/kg	-	-	-
Chlorobenzene	µg/kg	-	-	-
Chloroethane	µg/kg	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	*BH98-13*	*BH100-13*	*BH101-13*
	Sample ID:	*S-12616-071913-DN-96*	*S-12616-071913-DN-97*	*S-12616-071913-DN-98*
	Sample Date:	*7/19/2013*	*7/19/2013*	*7/19/2013*
	Sample Depth:	*(0-2.5) ft BGS*	*(0-2.5) ft BGS*	*(2.5-5) ft BGS*
Parameters:	***Units***			
Volatile Organic Compounds (continued)				
Chloroform (Trichloromethane)	µg/kg	-	-	-
Chloromethane (Methyl chloride)	µg/kg	-	-	-
cis-1,2-Dichloroethene	µg/kg	-	-	-
cis-1,3-Dichloropropene	µg/kg	-	-	-
Cyclohexane	µg/kg	-	-	-
Dibromochloromethane	µg/kg	-	-	-
Dichlorodifluoromethane (CFC-12)	µg/kg	-	-	-
Ethylbenzene	µg/kg	-	-	-
Isopropyl benzene	µg/kg	-	-	-
Methyl acetate	µg/kg	-	-	-
Methyl cyclohexane	µg/kg	-	-	-
Methyl tert butyl ether (MTBE)	µg/kg	-	-	-
Methylene chloride	µg/kg	-	-	-
Styrene	µg/kg	-	-	-
Tetrachloroethene	µg/kg	-	-	-
Toluene	µg/kg	-	-	-
trans-1,2-Dichloroethene	µg/kg	-	-	-
trans-1,3-Dichloropropene	µg/kg	-	-	-
Trichloroethene	µg/kg	-	-	-
Trichlorofluoromethane (CFC-11)	µg/kg	-	-	-
Trifluorotrichloroethane (Freon 113)	µg/kg	-	-	-
Vinyl chloride	µg/kg	-	-	-
Xylenes (total)	µg/kg	-	-	-

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

	Sample Location:	***BH98-13***	***BH100-13***	***BH101-13***
	Sample ID:	***S-12616-071913-DN-96***	***S-12616-071913-DN-97***	***S-12616-071913-DN-98***
	Sample Date:	***7/19/2013***	***7/19/2013***	***7/19/2013***
	Sample Depth:	***(0-2.5) ft BGS***	***(0-2.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***			
Metals				
Cobalt	mg/kg	7.1 J	13 J	5.6 J
Copper	mg/kg	1500	17000 J	3700 J
Manganese	mg/kg	19000	120 J	73 J
Nickel	mg/kg	3400	28000 J	9600 J
Zinc	mg/kg	660	5300 J	3000 J

Notes:
- \- Not analyzed.
- ft BGS Feet below ground surface
- J Estimated concentration.
- R Rejected.
- U Not present at the associated reporting limit.
- UJ Not detected; associated reporting limit is estimated.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Method*	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
TCL VOCs	SW-846 8260B [1]	Soil	-	14
Select Metals	SW-846 6010 [1]	Soil	-	180

Notes:

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
TCL Target compound list.
VOCs Volatile organic compounds.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
TCL VOCs	Acetone	07/24/13	16000	S-12616-071113-DN-22	63000 J	70000 U	µg/Kg
TCL VOCs	Methylene chloride	07/24/13	3700	S-12616-071113-DN-22	23000	23000 U	µg/Kg
Metals	Zinc	07/24/13	1.6	S-12616-071713-DN-60	5.7	5.7 U	mg/Kg

Notes:
* Blank result adjusted for sample factors where applicable.
J Estimated.
TCL Target Compound List.
U Not detected at the associated reporting limit.
VOCs Volatile organic compounds.

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING OF SURROGATE RECOVERIES
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Sample ID*	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Analyte*	*Qualified Result*	*Units*
TCL VOCs	S-12616-071113-DN-22	1,2-Dichloroethane-d4	14	39 - 128	Xylenes (total)	1500000 J	µg/kg
		4-Bromofluorobenzene	0	26 - 141	Toluene	160000 J	µg/kg
		Toluene-d8	0	33 - 134	Isopropyl benzene	23000 J	µg/kg
		Dibromofluoromethane	0	30 - 122	Ethylbenzene	230000 J	µg/kg
					Methyl cyclohexane	8500 J	µg/kg
					1,1,1-Trichloroethane	R	µg/kg
					1,1,2,2-Tetrachloroethane	R	µg/kg
					1,1,2-Trichloroethane	R	µg/kg
					1,1-Dichloroethane	R	µg/kg
					1,1-Dichloroethene	R	µg/kg
					1,2,4-Trichlorobenzene	R	µg/kg
					1,2-Dibromo-3-chloropropane (DBCP)	R	µg/kg
					1,2-Dibromoethane	R	µg/kg
					1,2-Dichlorobenzene	R	µg/kg
					1,2-Dichloroethane	R	µg/kg
					1,2-Dichloropropane	R	µg/kg
					1,3-Dichlorobenzene	R	µg/kg
					1,4-Dichlorobenzene	R	µg/kg
					2-Butanone	R	µg/kg
					2-Hexanone	R	µg/kg
					4-Methyl-2-pentanone	R	µg/kg
					Acetone	R	µg/kg
					Benzene	R	µg/kg
					Bromodichloromethane	R	µg/kg
					Bromoform	R	µg/kg
					Bromomethane (Methyl bromide)	R	µg/kg
					Carbon disulfide	R	µg/kg
					Carbon tetrachloride	R	µg/kg

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING OF SURROGATE RECOVERIES
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Sample ID*	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Analyte*	*Qualified Result*	*Units*
TCL VOCs	S-12616-071113-DN-22	1,2-Dichloroethane-d4	14	39 - 128	Chlorobenzene	R	µg/kg
		4-Bromofluorobenzene	0	26 - 141	Chloroethane	R	µg/kg
		Toluene-d8	0	33 - 134	Chloroform (Trichloromethane)	R	µg/kg
		Dibromofluoromethane	0	30 - 122	Chloromethane (Methyl chloride)	R	µg/kg
					cis-1,2-Dichloroethene	R	µg/kg
					cis-1,3-Dichloropropene	R	µg/kg
					Cyclohexane	R	µg/kg
					Dibromochloromethane	R	µg/kg
					Dichlorodifluoromethane (CFC-12)	R	µg/kg
					Methyl acetate	R	µg/kg
					Methyl tert butyl ether (MTBE)	R	µg/kg
					Methylene chloride	R	µg/kg
					Styrene	R	µg/kg
					Tetrachloroethene	R	µg/kg
					trans-1,2-Dichloroethene	R	µg/kg
					trans-1,3-Dichloropropene	R	µg/kg
					Trichloroethene	R	µg/kg
					Trichlorofluoromethane (CFC-11)	R	µg/kg
					Trifluorotrichloroethane (Freon 113)	R	µg/kg
					Vinyl chloride	R	µg/kg

Notes:
TCL Target compound list.
J Estimated concentration.
R Rejected.
VOCs Volatile organic compounds.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
2013 RFI SOIL SAMPLING
RACER-ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Analyte*	*RPD*	*Sample ID*	*Qualified Result*	*Field Duplicate Sample ID*	*Qualified Result*	*Units*
Metals	Copper	105	S-12616-071713-DN-61	2600 J	S-12616-071713-DN-62	8400 J	mg/kg
	Nickel	103		3500 J		11000 J	mg/kg
	Zinc	103		3500 J		11000 J	mg/kg

Notes:
J Estimated concentration.
RPD Relative percent difference.

TABLE 7

QUALIFIED SAMPLE DATA DUE TO LOW PERCENT SOLID CONTENT
2013 RFI SOIL SAMPLING
RACER-ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Associated Sample ID*	*Total Solids (percent)*	*Analyte*	*Qualified Result*	*Units*
Metals	S-12616-070913-DN-05	38.1	Manganese	180 J	mg/kg
			Nickel	26000 J	mg/kg
			Cobalt	43 J	mg/kg
			Copper	13000 J	mg/kg
			Zinc	9400 J	mg/kg
Metals	S-12616-070913-DN-07	40.3	Manganese	300 J	mg/kg
			Nickel	23000 J	mg/kg
			Cobalt	42 J	mg/kg
			Copper	13000 J	mg/kg
			Zinc	8800 J	mg/kg
Metals	S-12616-070913-DN-08	27.4	Manganese	510 J	mg/kg
			Nickel	34000 J	mg/kg
			Cobalt	1800 UJ	mg/kg
			Copper	19000 J	mg/kg
			Zinc	9600 J	mg/kg
Metals	S-12616-071013-DN-13	36.2	Manganese	340 J	mg/kg
			Nickel	23000 J	mg/kg
			Cobalt	48 J	mg/kg
			Copper	14000 J	mg/kg
			Zinc	10000 J	mg/kg
Metals	S-12616-071513-DN-36	38.8	Cobalt	1200 UJ	mg/kg
			Copper	52000 J	mg/kg
			Manganese	340 J	mg/kg
			Nickel	25000 J	mg/kg
			Zinc	65000 J	mg/kg
Metals	S-12616-071713-DN-64	43.4	Cobalt	1100 UJ	mg/kg
			Copper	13000 J	mg/kg
			Manganese	440 J	mg/kg
			Nickel	11000 J	mg/kg
			Zinc	21000 J	mg/kg

TABLE 7

QUALIFIED SAMPLE DATA DUE TO LOW PERCENT SOLID CONTENT
2013 RFI SOIL SAMPLING
RACER-ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Associated Sample ID*	*Total Solids (percent)*	*Analyte*	*Qualified Result*	*Units*
Metals	S-12616-071813-DN-87	37.1	Cobalt	240 UJ	mg/kg
			Copper	5000 J	mg/kg
			Manganese	1400 J	mg/kg
			Nickel	11000 J	mg/kg
			Zinc	2700 J	mg/kg
Metals	S-12616-071813-DN-88	34.9	Cobalt	280 UJ	mg/kg
			Copper	5400 J	mg/kg
			Manganese	540 J	mg/kg
			Nickel	14000 J	mg/kg
			Zinc	2500 J	mg/kg
Metals	S-12616-071913-DN-97	32.6	Cobalt	13 J	mg/kg
			Copper	17000 J	mg/kg
			Manganese	120 J	mg/kg
			Nickel	28000 J	mg/kg
			Zinc	5300 J	mg/kg
Metals	S-12616-071913-DN-98	35.7	Cobalt	5.6 J	mg/kg
			Copper	3700 J	mg/kg
			Manganese	73 J	mg/kg
			Nickel	9600 J	mg/kg
			Zinc	3000 J	mg/kg

Notes:
J Estimated concentration.
UJ Not detected; associated reporting limit is estimated.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, Ohio 45069
Telephone: (513) 942-4750 Fax: (513) 942-8585
www.CRAworld.com

MEMORANDUM

TO: Andrew LaVine

REF. NO.: 012616-T02

FROM: Angela Bown/eew/14-NF *AB/eew*

DATE: October 15, 2013

E-Mail and Hard Copy if Requested

RE: Analytical Results and Reduced Validation
2013 RFI Soil Sampling
RACER - Elyria Site
Elyria, Ohio
July 2013

INTRODUCTION

The following document details a reduced validation of analytical results for soil samples collected in support of the 2013 RFI Soil Sampling event at the RACER - Elyria Site during July 2013. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain-of-custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes; and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical method referenced in Table 3 and the document entitled, "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain-of-custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved and delivered on ice and stored by the laboratory at the required temperature (0-6°C).

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

REGISTERED COMPANY FOR ISO 9001 ENGINEERING DESIGN

LABORATORY METHOD BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

Manganese was detected in one method blank. All the associated sample results were greater than five times the blank result and qualification of the data was not necessary. The remaining method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

LABORATORY CONTROL SAMPLE (LCS) ANALYSES

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical batch.

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration (greater than four times), the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with the analytes of interest and the results were evaluated using the "Guidelines". Most percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision. Table 4 presents the sample data that were qualified due to outlying MS/MSD results.

ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the practical quantitation limit (PQL) but greater than the

MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

All soil results were reported on a dry weight basis.

MISCELLANEOUS

Most sample dry weights were greater than 50 percent. Table 5 presents the sample data that were qualified due to low percent solid content. All associated results were qualified as estimated as the amount of moisture present can introduce analytical variability.

CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	Location	Matrix	Initial Sample Depth (ft. bgs)	Final Sample Depth (ft. bgs)	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/ Parameters: Select Metals	Comments
TestAmerica Job Number: 240-27234								
S-12616-072313-DEN-111	BH34-13	Soil	0	2	07/23/2013	11:35	X	MS/MSD
S-12616-072313-DEN-112	BH35-13	Soil	0	2	07/23/2013	11:40	X	
S-12616-072313-DEN-113	BH36-13	Soil	0	2	07/23/2013	11:45	X	
S-12616-072313-DEN-114	BH37-13	Soil	0	2	07/23/2013	11:50	X	
S-12616-072313-DEN-115	BH38-13	Soil	0	2	07/23/2013	11:55	X	
S-12616-072313-DEN-116	BH39-13	Soil	0	2	07/23/2013	12:00	X	
S-12616-072313-DEN-117	BH40-13	Soil	0	2	07/23/2013	12:05	X	
S-12616-072313-DEN-118	BH41-13	Soil	0	2	07/23/2013	12:10	X	
S-12616-072313-DEN-119	BH43-13	Soil	0	2	07/23/2013	12:15	X	
S-12616-072313-DEN-120	BH44-13	Soil	0	2	07/23/2013	12:20	X	
S-12616-072313-DEN-121	BH45-13	Soil	0	2	07/23/2013	12:25	X	
S-12616-072313-DEN-122	BH46-13	Soil	0	2	07/23/2013	12:30	X	
S-12616-072313-DEN-123	BH48-13	Soil	0	2	07/23/2013	12:35	X	
S-12616-072313-DEN-124	BH49-13	Soil	0	2	07/23/2013	12:40	X	
S-12616-072313-DEN-134	BH61-13	Soil	0	2	07/23/2013	13:30	X	
S-12616-072313-DEN-135	BH62-13	Soil	0	2	07/23/2013	13:35	X	
S-12616-072313-DEN-136	BH63-13	Soil	0	2	07/23/2013	13:40	X	
S-12616-072313-DEN-137	BH64-13	Soil	0	2	07/23/2013	13:45	X	MS/MSD
S-12616-072313-DEN-138	BH65-13	Soil	0	2	07/23/2013	13:50	X	
S-12616-072313-DEN-139	BH67-13	Soil	0	2	07/23/2013	13:55	X	
S-12616-072313-DEN-140	BH68-13	Soil	0	2	07/23/2013	14:00	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters*	*Comments*
							Select Metals	
TestAmerica Job Number: 240-27234								
S-12616-072313-DEN-141	BH69-13	Soil	0	2	07/23/2013	14:05	X	
S-12616-072313-DEN-142	BH70-13	Soil	0	2	07/23/2013	14:10	X	
S-12616-072313-DEN-143	BH71-13	Soil	0	2	07/23/2013	14:15	X	
S-12616-072313-DEN-144	BH72-13	Soil	0	2	07/23/2013	14:20	X	
S-12616-072313-DEN-158	BH87-13	Soil	0	2	07/23/2013	15:30	X	
S-12616-072313-DEN-159	BH88-13	Soil	0	2	07/23/2013	15:35	X	
S-12616-072313-DEN-160	BH89-13	Soil	0	2	07/23/2013	15:40	X	
S-12616-072313-DEN-161	BH90-13	Soil	0	2	07/23/2013	15:45	X	
S-12616-072313-DEN-162	BH92-13	Soil	0	2	07/23/2013	15:50	X	
S-12616-072313-DEN-163	BH93-13	Soil	0	2	07/23/2013	15:55	X	
S-12616-072313-DEN-164	BH94-13	Soil	0	2	07/23/2013	16:00	X	
S-12616-072313-DEN-165	BH95-13	Soil	0	2	07/23/2013	16:05	X	
S-12616-072313-DEN-166	BH96-13	Soil	0	2	07/23/2013	16:10	X	
S-12616-072313-DEN-167	BH97-13	Soil	0	2	07/23/2013	16:15	X	
S-12616-072313-DEN-168	BH100-13	Soil	0	2	07/23/2013	16:20	X	
S-12616-072313-DEN-169	BH101-13	Soil	0	2	07/23/2013	16:25	X	
S-12616-072413-DEN-170	BH02-13	Soil	0	2	07/24/2013	16:30	X	
S-12616-072413-DEN-171	BH03-13	Soil	0	2	07/24/2013	16:35	X	
S-12616-072413-DEN-172	BH04-13	Soil	0	2	07/24/2013	16:40	X	
S-12616-072413-DEN-173	BH07-13	Soil	0	2	07/24/2013	16:45	X	
S-12616-072413-DEN-174	BH08-13	Soil	0	2	07/24/2013	16:50	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*Analysis/ Parameters* — *Select Metals*	*Comments*
TestAmerica Job Number: 240-27234								
S-12616-072413-DEN-175	BH10-13	Soil	0	2	07/24/2013	16:55	X	
S-12616-072413-DEN-176	BH12-13	Soil	0	2	07/24/2013	17:00	X	
S-12616-072413-DEN-177	BH13-13	Soil	0	2	07/24/2013	17:05	X	
S-12616-072413-DEN-178	BH14-13	Soil	0	2	07/24/2013	17:10	X	
S-12616-072413-DEN-179	BH17-13	Soil	0	2	07/24/2013	17:15	X	
S-12616-072413-DEN-180	BH18-13	Soil	0	2	07/24/2013	17:20	X	
S-12616-072413-DEN-181	BH19-13	Soil	0	2	07/24/2013	17:25	X	

Notes:
ft. bgs Feet below ground surface.
MS Matrix spike.
MSD Matrix spike duplicate.

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH02-13*	*BH03-13*	*BH04-13*	*BH07-13*	*BH08-13*
Sample ID:		*S-12616-072413-DEN-170*	*S-12616-072413-DEN-171*	*S-12616-072413-DEN-172*	*S-12616-072413-DEN-173*	*S-12616-072413-DEN-174*
Sample Date:		*7/24/2013*	*7/24/2013*	*7/24/2013*	*7/24/2013*	*7/24/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	9.2	9.5	9.2	13	12
Copper	mg/kg	150	12	120	59	45
Manganese	mg/kg	280	310	220	400	340
Nickel	mg/kg	270	20	270	140	130
Zinc	mg/kg	200	78	170	110	130

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH10-13*	*BH12-13*	*BH13-13*	*BH14-13*	*BH17-13*
Sample ID:		*S-12616-072413-DEN-175*	*S-12616-072413-DEN-176*	*S-12616-072413-DEN-177*	*S-12616-072413-DEN-178*	*S-12616-072413-DEN-179*
Sample Date:		*7/24/2013*	*7/24/2013*	*7/24/2013*	*7/24/2013*	*7/24/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	16	14	10	9.0	13
Copper	mg/kg	110	60	65	54	220
Manganese	mg/kg	480	530	230	240	330
Nickel	mg/kg	220	150	110	97	410
Zinc	mg/kg	130	120	120	94	210

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH18-13*	*BH19-13*	*BH34-13*	*BH35-13*	*BH36-13*
Sample ID:		*S-12616-072413-DEN-180*	*S-12616-072413-DEN-181*	*S-12616-072313-DEN-111*	*S-12616-072313-DEN-112*	*S-12616-072313-DEN-113*
Sample Date:		*7/24/2013*	*7/24/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	13	13	8.0	7.3	7.1
Copper	mg/kg	410	150	370	110	160
Manganese	mg/kg	310	340	760	1300	2100
Nickel	mg/kg	900	310	200 J	100 J	120 J
Zinc	mg/kg	410	180	1100	400	520

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH37-13*	*BH38-13*	*BH39-13*	*BH40-13*	*BH41-13*
Sample ID:		*S-12616-072313-DEN-114*	*S-12616-072313-DEN-115*	*S-12616-072313-DEN-116*	*S-12616-072313-DEN-117*	*S-12616-072313-DEN-118*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	9.8	8.0	12	8.6	5.5 J
Copper	mg/kg	680	260	330	220	98
Manganese	mg/kg	660	1100	950	760	1100
Nickel	mg/kg	120 J	170 J	110 J	190 J	56 J
Zinc	mg/kg	650	540	460	1000	300

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH43-13*	*BH44-13*	*BH45-13*	*BH46-13*	*BH48-13*
Sample ID:		*S-12616-072313-DEN-119*	*S-12616-072313-DEN-120*	*S-12616-072313-DEN-121*	*S-12616-072313-DEN-122*	*S-12616-072313-DEN-123*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	33	8.8	8.6	14	8.0
Copper	mg/kg	15000	2100	2000	3500	71
Manganese	mg/kg	430	1300	300	510	630
Nickel	mg/kg	6400 J	580 J	1900 J	1300 J	57 J
Zinc	mg/kg	18000	7800	33000	4900	170

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH49-13*	*BH61-13*	*BH62-13*	*BH63-13*	*BH64-13*
Sample ID:		*S-12616-072313-DEN-124*	*S-12616-072313-DEN-134*	*S-12616-072313-DEN-135*	*S-12616-072313-DEN-136*	*S-12616-072313-DEN-137*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	7.3	7.0	6.3	7.7	7.4
Copper	mg/kg	480	160	25	110	260
Manganese	mg/kg	170	1800	190	440	550
Nickel	mg/kg	1100 J	250 J	18 J	110 J	280
Zinc	mg/kg	29000	390	66	270	790

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH65-13*	*BH67-13*	*BH68-13*	*BH69-13*	*BH70-13*
Sample ID:		*S-12616-072313-DEN-138*	*S-12616-072313-DEN-139*	*S-12616-072313-DEN-140*	*S-12616-072313-DEN-141*	*S-12616-072313-DEN-142*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	7.0	5.3	7.0	11	7.7
Copper	mg/kg	270	200	250	460	130
Manganese	mg/kg	730	930	950	560	620
Nickel	mg/kg	360	140	170	440	130
Zinc	mg/kg	790	430	550	910	740

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH71-13*	*BH72-13*	*BH87-13*	*BH88-13*	*BH89-13*
Sample ID:		*S-12616-072313-DEN-143*	*S-12616-072313-DEN-144*	*S-12616-072313-DEN-158*	*S-12616-072313-DEN-159*	*S-12616-072313-DEN-160*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	8.5	8.0	6.2 J	8.5	5.3 J
Copper	mg/kg	270	310	4800 J	1000	5100 J
Manganese	mg/kg	1200	830	390 J	640	710 J
Nickel	mg/kg	190	150	9800 J	2300	11000 J
Zinc	mg/kg	770	370	2900 J	730	2200 J

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH90-13*	*BH92-13*	*BH93-13*	*BH94-13*	*BH95-13*
Sample ID:		*S-12616-072313-DEN-161*	*S-12616-072313-DEN-162*	*S-12616-072313-DEN-163*	*S-12616-072313-DEN-164*	*S-12616-072313-DEN-165*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*					
Metals						
Cobalt	mg/kg	44	5.1 J	4.9 J	11	8.8
Copper	mg/kg	39	760	4100	20	24
Manganese	mg/kg	740	840	220	180	310
Nickel	mg/kg	77	1700	8700	27	40
Zinc	mg/kg	73	740	1700	71	69

TABLE 2

ANALYTICAL RESULTS SUMMARY
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Sample Location:		*BH96-13*	*BH97-13*	*BH100-13*	*BH101-13*
Sample ID:		*S-12616-072313-DEN-166*	*S-12616-072313-DEN-167*	*S-12616-072313-DEN-168*	*S-12616-072313-DEN-169*
Sample Date:		*7/23/2013*	*7/23/2013*	*7/23/2013*	*7/23/2013*
Sample Depth:		*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*	*(0-2) ft BGS*
Parameters:	*Units*				
Metals					
Cobalt	mg/kg	7.8	5.2 J	3.9 J	4.1 J
Copper	mg/kg	28	5200	7400 J	3100 J
Manganese	mg/kg	1100	710	150 J	100 J
Nickel	mg/kg	32	9000	10000 J	7000 J
Zinc	mg/kg	99	1600	6600 J	2700 J

Notes:
ft BGS Feet below ground surface.
J Estimated concentration.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Method*	*Matrix*	*Holding Time*	
			Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
Select Metals	SW-846 6010 [1]	Soil	-	180

Notes:

[1] "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
2013 RFI SOIL SAMPLING
RACER - ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	Sample ID	Analyte	MS % Recovery	MSD % Recovery	RPD (percent)	Control Limits % Recovery	Control Limits RPD	Qualified Result	Units
Metals	S-12616-072313-DEN-111	Nickel	78	29	12	75-125	0-20	200 J	mg/Kg
	S-12616-072313-DEN-112							100 J	mg/Kg
	S-12616-072313-DEN-113							120 J	mg/Kg
	S-12616-072313-DEN-114							120 J	mg/Kg
	S-12616-072313-DEN-115							170 J	mg/Kg
	S-12616-072313-DEN-116							110 J	mg/Kg
	S-12616-072313-DEN-117							190 J	mg/Kg
	S-12616-072313-DEN-118							56 J	mg/Kg
	S-12616-072313-DEN-119							6400 J	mg/Kg
	S-12616-072313-DEN-120							580 J	mg/Kg
	S-12616-072313-DEN-121							1900 J	mg/Kg
	S-12616-072313-DEN-122							1300 J	mg/Kg
	S-12616-072313-DEN-123							57 J	mg/Kg
	S-12616-072313-DEN-124							1100 J	mg/Kg
	S-12616-072313-DEN-134							250 J	mg/Kg
	S-12616-072313-DEN-135							18 J	mg/Kg
	S-12616-072313-DEN-136							110 J	mg/Kg

Notes:

J Estimated.
MS Matrix spike.
MSD Matrix spike duplicate.
RPD Relative percent difference.

TABLE 5

QUALIFIED SAMPLE DATA DUE TO LOW PERCENT SOLID CONTENT
2013 RFI SOIL SAMPLING
RACER-ELYRIA SITE
ELYRIA, OHIO
JULY 2013

Parameter	*Associated Sample ID*	*Total Solids (percent)*	*Analyte*	*Qualified Result*	*Units*
Metals	S-12616-072313-DEN-158	39.9	Manganese	390 J	mg/kg
			Nickel	9800 J	mg/kg
			Cobalt	6.2 J	mg/kg
			Copper	4800 J	mg/kg
			Zinc	2900 J	mg/kg
Metals	S-12616-072313-DEN-160	48.2	Manganese	710 J	mg/kg
			Nickel	11000 J	mg/kg
			Cobalt	5.3 J	mg/kg
			Copper	5100 J	mg/kg
			Zinc	2200 J	mg/kg
Metals	S-12616-072313-DEN-168	38.8	Manganese	150 J	mg/kg
			Nickel	10000 J	mg/kg
			Cobalt	3.9 J	mg/kg
			Copper	7400 J	mg/kg
			Zinc	6600 J	mg/kg
Metals	S-12616-072313-DEN-169	37.9	Manganese	100 J	mg/kg
			Nickel	7000 J	mg/kg
			Cobalt	4.1 J	mg/kg
			Copper	3100 J	mg/kg
			Zinc	2700 J	mg/kg

Notes:

J Estimated concentration.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, OH 45069
Telephone: 513-942-4750 Fax: 513-942-8585
www.CRAworld.com

MEMORANDUM

TO:	Andrew LaVine	REF. NO.:	012616-T02
FROM:	Angela Bown/bjw/15	DATE:	April 3, 2014

RE: Analytical Results and Reduced Validation
RFI-Well Installation Soil Sampling
RACER-Elyria
Elyria, Ohio
March 2014

1.0 Introduction

The following document details a reduced validation of analytical results for soil samples collected in support of the RFI-Well Installation Soil Sampling at the RACER-Elyria Site during March 2014. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS), and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled: "United States Environmental Protection Agency (USEPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", USEPA 540-R-08-01, June 2008.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

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3.0 Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Some volatile organic compounds (VOCs) were detected in the method blanks. All associated sample results were either non-detect or were significantly greater than the blank value and were not impacted by the indicated contamination.

All remaining method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4.0 Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

5.0 Laboratory Control Sample Analyses

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. Most LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

Samples associated with outlying recoveries were qualified as follows (see Table 4):

i) Positive sample results associated with outlying LCS recoveries with high bias were qualified as estimated.

ii) Non-detect results associated with high LCS recoveries were not qualified. The indicated high bias would not impact the data.

6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

No site-specific samples were selected for MS/MSD analyses.

7.0 Field QA/QC Samples

The field QA/QC consisted of one field duplicate sample set.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample set was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is two times the PQL value for soil samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

All soil results were reported on a dry weight basis.

9.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-WELL INSTALLATION SOIL SAMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

							Analysis/Parameters	
Sample Identification	*Location*	*Matrix*	*Initial Sample Depth (ft. bgs)*	*Final Sample Depth (ft. bgs)*	*Collection Date (mm/dd/yyyy)*	*Collection Time (hr:min)*	*TCL VOCs*	*Comments*
TestAmerica Job Number: 240-34750-1								
S-12616-030514-DN-01	MW-24S	SO	5	7.5	03/05/14	10:40	X	
S-12616-030514-DN-02	MW-24S	SO	7.5	10	03/05/14	10:50	X	
S-12616-030514-DN-03	MW-25D	SO	2.5	5	03/05/14	15:35	X	
S-12616-030514-DN-04	MW-25D	SO	5	7.5	03/05/14	15:45	X	
S-12616-030514-DN-05	MW-25S	SO	2.5	5	03/05/14	16:35	X	
S-12616-030514-DN-06	MW-25S	SO	5	7.5	03/05/14	16:45	X	
TestAmerica Job Number: 240-34885-1								
S-12616-031014-DN-07	MW-26D	SO	7.5	10	03/10/14	15:10	X	
S-12616-031014-DN-08	MW-26D	SO	25	30	03/10/14	17:25	X	
S-12616-031014-DN-09	MW-26S	SO	8	10	03/10/14	18:05	X	
S-12616-031114-DN-10	MW-27S	SO	7.5	10	03/11/14	10:30	X	
S-12616-031114-DN-11	MW-27S	SO	5	7.5	03/11/14	11:35	X	
S-12616-031114-DN-12	MW-28D	SO	6	8	03/11/14	13:45	X	
S-12616-031114-DN-13	MW-28D	SO	10	12	03/11/14	14:15	X	
S-12616-031114-DN-14	MW-28D	SO	10	12	03/11/14	14:35	X	Field Duplicate of S-12616-031114-DN-13

Notes:

ft. bgs - Feet below ground surface
SO - Soil
VOCs - Volatile Organic Compounds
TCL - Target Compound List

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-WELL INSTALLATION SOIL SALMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-24S***	***MW-24S***	***MW-25D***	***MW-25D***	***MW-25S***
	Sample ID:	***S-12616-030514-DN-01***	***S-12616-030514-DN-02***	***S-12616-030514-DN-03***	***S-12616-030514-DN-04***	***S-12616-030514-DN-05***
	Sample Date:	***3/5/2014***	***3/5/2014***	***3/5/2014***	***3/5/2014***	***3/5/2014***
	Sample Depth:	***(5-7.5) ft BGS***	***(7.5-10) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	10	6.1 U	270 J	99 J	81 J
1,1,2,2-Tetrachloroethane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,1,2-Trichloroethane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,1-Dichloroethane	µg/kg	5.9	6.1 U	330 U	300 U	250 U
1,1-Dichloroethene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,2,4-Trichlorobenzene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	10 U	12 U	670 U	590 U	510 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,2-Dichlorobenzene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,2-Dichloroethane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,2-Dichloropropane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,3-Dichlorobenzene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
1,4-Dichlorobenzene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	20 U	25 U	320 J	120 J	110 J
2-Hexanone	µg/kg	20 U	25 U	1300 U	1200 U	1000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	20 U	25 U	1300 U	1200 U	1000 U
Acetone	µg/kg	20 U	25 U	980 J	330 J	290 J
Benzene	µg/kg	5.1 U	6.1 U	1100	440	610
Bromodichloromethane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Bromoform	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Bromomethane (Methyl bromide)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Carbon disulfide	µg/kg	0.45 J	6.1 U	37 J	300 U	34 J
Carbon tetrachloride	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Chlorobenzene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Chloroethane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Chloroform (Trichloromethane)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-WELL INSTALLATION SOIL SALMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-24S***	***MW-24S***	***MW-25D***	***MW-25D***	***MW-25S***
	Sample ID:	***S-12616-030514-DN-01***	***S-12616-030514-DN-02***	***S-12616-030514-DN-03***	***S-12616-030514-DN-04***	***S-12616-030514-DN-05***
	Sample Date:	***3/5/2014***	***3/5/2014***	***3/5/2014***	***3/5/2014***	***3/5/2014***
	Sample Depth:	***(5-7.5) ft BGS***	***(7.5-10) ft BGS***	***(2.5-5) ft BGS***	***(5-7.5) ft BGS***	***(2.5-5) ft BGS***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
Chloromethane (Methyl chloride)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
cis-1,2-Dichloroethene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
cis-1,3-Dichloropropene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Cyclohexane	µg/kg	10 U	12 U	3200	1100	1000
Dibromochloromethane	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Dichlorodifluoromethane (CFC-12)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Ethylbenzene	µg/kg	5.1 U	6.1 U	2000	670	580
Isopropyl benzene	µg/kg	5.1 U	6.1 U	860	290 J	240 J
Methyl acetate	µg/kg	10 U	12 U	580 J	300 J	350 J
Methyl cyclohexane	µg/kg	10 U	12 U	11000	4100	3500
Methyl tert butyl ether (MTBE)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Methylene chloride	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Styrene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Tetrachloroethene	µg/kg	5.1 U	6.1 U	130 J	170 J	63 J
Toluene	µg/kg	5.1 U	6.1 U	4900	1800	2000
trans-1,2-Dichloroethene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
trans-1,3-Dichloropropene	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Trichloroethene	µg/kg	2.6 J	6.1 U	76 J	78 J	63 J
Trichlorofluoromethane (CFC-11)	µg/kg	5.1 U	6.1 U	330 U	120 J	250 U
Trifluorotrichloroethane (Freon 113)	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Vinyl chloride	µg/kg	5.1 U	6.1 U	330 U	300 U	250 U
Xylenes (total)	µg/kg	10 U	12 U	11000 J	4100 J	3800 J

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-WELL INSTALLATION SOIL SALMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-25S***	***MW-26D***	***MW-26D***	***MW-26S***	***MW-27S***
	Sample ID:	***S-12616-030514-DN-06***	***S-12616-031014-DN-07***	***S-12616-031014-DN-08***	***S-12616-031014-DN-09***	***S-12616-031114-DN-11***
	Sample Date:	***3/5/2014***	***3/10/2014***	***3/10/2014***	***3/10/2014***	***3/11/2014***
	Sample Depth:	***(5-7.5) ft BGS***	***(7.5-10) ft BGS***	***(25-30) ft BGS***	***(8-10) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/kg	560	220 U	4.6 U	5.0 U	5.2 U
1,1,2,2-Tetrachloroethane	µg/kg	450 U	220 U	230 U	5.0 U	250 U
1,1,2-Trichloroethane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
1,1-Dichloroethane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
1,1-Dichloroethene	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
1,2,4-Trichlorobenzene	µg/kg	450 U	6.9 J	230 U	5.0 U	250 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	910 U	450 U	460 U	10 U	500 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
1,2-Dichlorobenzene	µg/kg	450 U	220 U	230 U	5.0 U	250 U
1,2-Dichloroethane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
1,2-Dichloropropane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
1,3-Dichlorobenzene	µg/kg	450 U	220 U	230 U	5.0 U	250 U
1,4-Dichlorobenzene	µg/kg	450 U	220 U	230 U	5.0 U	250 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	490 J	890 U	18 U	20 U	8.8 J
2-Hexanone	µg/kg	1800 U	890 U	18 U	20 U	21 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	1800 U	890 U	18 U	20 U	21 U
Acetone	µg/kg	480 J	890 U	18 U	20 U	31
Benzene	µg/kg	1300	220 U	4.6 U	5.0 U	5.2 U
Bromodichloromethane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Bromoform	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Bromomethane (Methyl bromide)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Carbon disulfide	µg/kg	450 U	220 U	4.6 U	0.70 J	5.2 U
Carbon tetrachloride	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Chlorobenzene	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Chloroethane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Chloroform (Trichloromethane)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-WELL INSTALLATION SOIL SALMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-25S***	***MW-26D***	***MW-26D***	***MW-26S***	***MW-27S***
	Sample ID:	***S-12616-030514-DN-06***	***S-12616-031014-DN-07***	***S-12616-031014-DN-08***	***S-12616-031014-DN-09***	***S-12616-031114-DN-11***
	Sample Date:	***3/5/2014***	***3/10/2014***	***3/10/2014***	***3/10/2014***	***3/11/2014***
	Sample Depth:	***(5-7.5) ft BGS***	***(7.5-10) ft BGS***	***(25-30) ft BGS***	***(8-10) ft BGS***	***(5-7.5) ft BGS***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
Chloromethane (Methyl chloride)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
cis-1,2-Dichloroethene	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
cis-1,3-Dichloropropene	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Cyclohexane	µg/kg	3900	450 U	9.2 U	10 U	10 U
Dibromochloromethane	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Dichlorodifluoromethane (CFC-12)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Ethylbenzene	µg/kg	1500	130 J	4.6 U	5.0 U	5.2 U
Isopropyl benzene	µg/kg	640	220 U	4.6 U	5.0 U	5.2 U
Methyl acetate	µg/kg	690 J	24 J	9.2 U	10 U	10 U
Methyl cyclohexane	µg/kg	11000	450 U	0.40 J	10 U	10 U
Methyl tert butyl ether (MTBE)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Methylene chloride	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Styrene	µg/kg	140 J	220 U	4.6 U	5.0 U	5.2 U
Tetrachloroethene	µg/kg	140 J	220 U	4.6 U	5.0 U	5.2 U
Toluene	µg/kg	5100	31 J	4.6 U	0.52 J	5.2 U
trans-1,2-Dichloroethene	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
trans-1,3-Dichloropropene	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Trichloroethene	µg/kg	410 J	220 U	4.6 U	5.0 U	5.2 U
Trichlorofluoromethane (CFC-11)	µg/kg	120 J	220 U	4.6 U	5.0 U	5.2 U
Trifluorotrichloroethane (Freon 113)	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Vinyl chloride	µg/kg	450 U	220 U	4.6 U	5.0 U	5.2 U
Xylenes (total)	µg/kg	11000 J	2000	9.2 U	5.0 J	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-WELL INSTALLATION SOIL SALMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-27S***	***MW-28D***	***MW-28D***	***MW-28D***
	Sample ID:	***S-12616-031114-DN-10***	***S-12616-031114-DN-12***	***S-12616-031114-DN-13***	***S-12616-031114-DN-14***
	Sample Date:	***3/11/2014***	***3/11/2014***	***3/11/2014***	***3/11/2014***
	Sample Depth:	***(7.5-10) ft BGS***	***(6-8) ft BGS***	***(10-12) ft BGS***	***(10-12) ft BGS (Duplicate)***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,1,2,2-Tetrachloroethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,1,2-Trichloroethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,1-Dichloroethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,1-Dichloroethene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,2,4-Trichlorobenzene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/kg	8.5 U	11 U	9.2 U	9.9 U
1,2-Dibromoethane (Ethylene dibromide)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,2-Dichlorobenzene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,2-Dichloroethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,2-Dichloropropane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,3-Dichlorobenzene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
1,4-Dichlorobenzene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/kg	17 U	34	2.2 J	2.7 J
2-Hexanone	µg/kg	17 U	23 U	18 U	20 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/kg	17 U	1.1 J	18 U	20 U
Acetone	µg/kg	17 U	400	18 U	20 U
Benzene	µg/kg	4.2 U	0.58 J	1.2 J	2.1 J
Bromodichloromethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Bromoform	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Bromomethane (Methyl bromide)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Carbon disulfide	µg/kg	4.2 U	1.3 J	4.0 J	5.6
Carbon tetrachloride	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Chlorobenzene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Chloroethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Chloroform (Trichloromethane)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-WELL INSTALLATION SOIL SALMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-27S***	***MW-28D***	***MW-28D***	***MW-28D***
	Sample ID:	***S-12616-031114-DN-10***	***S-12616-031114-DN-12***	***S-12616-031114-DN-13***	***S-12616-031114-DN-14***
	Sample Date:	***3/11/2014***	***3/11/2014***	***3/11/2014***	***3/11/2014***
	Sample Depth:	***(7.5-10) ft BGS***	***(6-8) ft BGS***	***(10-12) ft BGS***	***(10-12) ft BGS (Duplicate)***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
Chloromethane (Methyl chloride)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
cis-1,2-Dichloroethene	µg/kg	4.2 U	5.6 U	0.51 J	4.9 U
cis-1,3-Dichloropropene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Cyclohexane	µg/kg	8.5 U	6.3 J	32	45
Dibromochloromethane	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Dichlorodifluoromethane (CFC-12)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Ethylbenzene	µg/kg	4.2 U	1.4 J	3.4 J	7.3
Isopropyl benzene	µg/kg	4.2 U	0.56 J	2.2 J	4.9
Methyl acetate	µg/kg	8.5 U	11 U	9.2 U	9.9 U
Methyl cyclohexane	µg/kg	8.5 U	12	69	110
Methyl tert butyl ether (MTBE)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Methylene chloride	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Styrene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Tetrachloroethene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Toluene	µg/kg	4.2 U	2.5 J	4.1 J	8.0
trans-1,2-Dichloroethene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
trans-1,3-Dichloropropene	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Trichloroethene	µg/kg	4.2 U	5.6 U	1.3 J	0.89 J
Trichlorofluoromethane (CFC-11)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Trifluorotrichloroethane (Freon 113)	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Vinyl chloride	µg/kg	4.2 U	5.6 U	4.6 U	4.9 U
Xylenes (total)	µg/kg	8.5 U	9.3 J	27	59

Notes:

J - Estimated Concentration
U - Not present at or above the associated value.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
RFI-WELL INSTALLATION SOIL SAMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Parameter	*Method* [1]	*Matrix*	*Preservation*	*Holding Time*	
				Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
TCL VOCs	SW-846 8260B	Soil	Cool to 0-6° C	-	14

Notes:

[1] - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
VOCs - Volatile Organic Compounds
TCL - Target Compound List

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RECOVERIES
RFI-WELL INSTALLATION SOIL SAMPLES
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Parameter	*Analyte*	*LCS Date*	*LCS (percent)*	*Control Limits (percent)*	*Associated Sample ID*	*Qualified Results*	*Units*
VOCs	Xylenes (total)	3/7/2014	126	67-118	S-12616-030514-DN-03	11000 J	µg/kg
					S-12616-030514-DN-04	4100 J	µg/kg
					S-12616-030514-DN-05	3800 J	µg/kg
					S-12616-030514-DN-06	11000 J	µg/kg

Notes:

LCS - Laboratory Control Sample
J - Estimated Concentration
VOCs - Volatile Organic Compounds

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, OH 45069
Telephone: 513-942-4750 Fax: 513-942-8585
www.CRAworld.com

MEMORANDUM

TO:	Andrew LaVine	REF. NO.:	012616-T02
FROM:	Angela Bown/bjw/16-NF	DATE:	April 16, 2014
RE:	**Analytical Results and Reduced Validation RFI-Groundwater Sampling RACER-Elyria Elyria, Ohio March 2014**		

1.0 Introduction

The following document details a reduced validation of analytical results for groundwater samples collected in support of the RFI-Groundwater Sampling at the RACER-Elyria Site during March 2014. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS), and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled: "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

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3.0 Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Acetone, carbon disulfide and methylene chloride were detected in the method blanks. All associated sample results that were at a similar concentration were qualified as non-detect. Table 4 presents the sample results that were qualified due to analyte concentrations in the method blanks.

All remaining method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4.0 Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

5.0 Laboratory Control Sample Analyses

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCSs were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

The samples that were selected for MS/MSD analyses are noted in Table 1.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

7.0 Field QA/QC Samples

The field QA/QC consisted of two trip blank samples, one rinse blank sample, and three field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for volatile organic compound (VOC) analysis. Most results were non-detect for the compounds of interest. Acetone and methylene chloride were detected in the trip blank samples. All associated sample results that were at a similar concentration were qualified as non-detect. Table 5 presents the sample results that were qualified due to analyte concentrations in the trip blanks.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the Site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. Acetone, 2-butanone, and toluene were detected in the rinse blank sample. All associated sample results that were at a similar concentration were qualified as non-detect. Table 6 presents the sample results that were qualified due to analyte concentrations in the rinse blank.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, one field duplicate sample set was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

9.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TCL VOCs***	***Comments***
TestAmerica Job Number: 240-35332-1						
WG-12616-031714-DN-01	MW-25S	WG	3/17/2014	9:35	X	
WG-12616-031714-DN-02	MW-25D	WG	3/17/2014	10:40	X	
WG-12616-031714-DN-03	MW-24S	WG	3/17/2014	12:10	X	
WG-12616-031714-DN-04	MW-26D	WG	3/17/2014	13:40	X	
WG-12616-031714-DN-05	MW-26S	WG	3/17/2014	14:30	X	
WG-12616-031714-DN-06	MW-27D	WG	3/17/2014	15:55	X	
WG-12616-031814-DN-07	MW-27S	WG	3/18/2014	10:25	X	
WG-12616-031814-DN-08	MW-28D	WG	3/18/2014	11:20	X	
WG-12616-031814-DN-09	MW-28S	WG	3/18/2014	12:15	X	
WG-12616-031814-DN-10	OW1-R	WG	3/18/2014	14:35	X	
WG-12616-031814-DN-11	OW1-R	WG	3/18/2014	15:10	X	Field Duplicate of WG-12616-031814-DN-10
WG-12616-031814-DN-12	P-15	WG	3/18/2014	15:55	X	
WG-12616-031814-DN-13	P-15T	WG	3/18/2014	17:20	X	
WG-12616-031914-DN-14	P-18T	WG	3/19/2014	8:20	X	
WG-12616-031914-DN-15	P-18	WG	3/19/2014	9:45	X	
WG-12616-031914-DN-16	P-3R	WG	3/19/2014	11:00	X	
WG-12616-031914-DN-17	P-3T	WG	3/19/2014	12:15	X	
WG-12616-031914-DN-18	P-2T	WG	3/19/2014	14:30	X	
WG-12616-031914-DN-19	P-2	WG	3/19/2014	16:05	X	
WG-12616-031914-DN-20	P-16	WG	3/19/2014	17:35	X	
WG-12616-032014-DN-21	P-16T	WG	3/20/2014	8:20	X	MS/MSD
WG-12616-032014-DN-22	FD-07	WG	3/20/2014	9:45	X	
WG-12616-032014-DN-23	FD-08R	WG	3/20/2014	11:15	X	
WG-12616-032014-DN-24	FD-09	WG	3/20/2014	12:40	X	
WG-12616-032014-DN-25	FD-11	WG	3/20/2014	14:25	X	
WG-12616-032014-DN-26	FD-14	WG	3/20/2014	15:55	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TCL VOCs***	***Comments***
TestAmerica Job Number: 240-35332-1						
WG-12616-032014-DN-27	FD-13	WG	3/20/2014	17:25	X	
WG-12616-032014-DN-28	P-21	WG	3/20/2014	18:40	X	
WG-12616-032114-DN-29	P-21T	WG	3/21/2014	8:30	X	
WG-12616-032114-DN-30	P-8R	WG	3/21/2014	9:55	X	
WG-12616-032114-DN-31	P-8R	WG	3/21/2014	10:25	X	Field Duplicate of WG-12616-032114-DN-30
WG-12616-032114-DN-32	P-8T	WG	3/21/2014	11:15	X	
WG-12616-032114-DN-33	P-12	WG	3/21/2014	12:40	X	
WG-12616-032114-DN-34	P-12TR	WG	3/21/2014	13:50	X	
WG-12616-032114-DN-35	P-14	WG	3/21/2014	15:20	X	
WG-12616-032114-DN-36	P-14T	WG	3/21/2014	16:50	X	
TB-001		WG	3/21/2014	-	X	
TestAmerica Job Number: 240-35466-1						
WG-12616-032414-DN-37	P-20	WG	3/24/2014	9:00	X	
WG-12616-032414-DN-38	P-5R	WG	3/24/2014	10:25	X	
WG-12616-032414-DN-39	P-5SR	WG	3/24/2014	11:45	X	
WG-12616-032414-DN-40	P-1T	WG	3/24/2014	13:10	X	
WG-12616-032414-DN-41	P-1	WG	3/24/2014	14:10	X	
WG-12616-032414-DN-42	MW-19	WG	3/24/2014	15:50	X	MS/MSD
WG-12616-032414-DN-43	MW-18	WG	3/24/2014	17:10	X	
WG-12616-032414-DN-44	MW-16R	WG	3/24/2014	18:15	X	
WG-12616-032514-DN-45	FD-06	WG	3/25/2014	8:25	X	
WG-12616-032514-DN-46	FD-05	WG	3/25/2014	9:45	X	
WG-12616-032514-DN-47	MW-15R	WG	3/25/2014	13:15	X	
WG-12616-032514-DN-48	MW-17	WG	3/25/2014	14:30	X	
WG-12616-032514-DN-49	FD-01	WG	3/25/2014	15:40	X	
WG-12616-032514-DN-50	FD-02	WG	3/25/2014	16:40	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TCL VOCs***	***Comments***
TestAmerica Job Number: 240-35466-1						
WG-12616-032514-DN-51	FD-03	WG	3/25/2014	17:40	X	
WG-12616-032514-DN-52	FD-03	WG	3/25/2014	18:05	X	Field Duplicate of WG-12616-032514-DN-51
WG-12616-032514-DN-53	FD-04	WG	3/25/2014	18:40	X	
WG-12616-032614-DN-54	MW-21D	WG	3/26/2014	8:15	X	
WG-12616-032614-DN-55	MW-21S	WG	3/26/2014	9:20	X	
WG-12616-032614-DN-56	MW-22S	WG	3/26/2014	14:00	X	
WG-12616-032614-DN-57	MW-22D	WG	3/26/2014	15:15	X	
WG-12616-032614-DN-58	MW-23D	WG	3/26/2014	16:35	X	
WG-12616-032614-DN-59	MW-23S	WG	3/26/2014	17:40	X	
TB-002		WG	3/26/2014	-	X	
RB-12616-032614-DN-060		WG	3/26/2014	17:50	X	

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
VOCs - Volatile Organic Compounds
TCL - Target Compound List
WG - Groundwater

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***FD-01***	***FD-02***	***FD-03***	***FD-03***	***FD-04***
	Sample ID:	***WG-12616-032514-DN-49***	***WG-12616-032514-DN-50***	***WG-12616-032514-DN-51***	***WG-12616-032514-DN-52***	***WG-12616-032514-DN-53***
	Sample Date:	***3/25/2014***	***3/25/2014***	***3/25/2014***	***3/25/2014 (Duplicate)***	***3/25/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	*FD-01*	*FD-02*	*FD-03*	*FD-03*	*FD-04*
	Sample ID:	*WG-12616-032514-DN-49*	*WG-12616-032514-DN-50*	*WG-12616-032514-DN-51*	*WG-12616-032514-DN-52*	*WG-12616-032514-DN-53*
	Sample Date:	*3/25/2014*	*3/25/2014*	*3/25/2014*	*3/25/2014 (Duplicate)*	*3/25/2014*
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***FD-05***	***FD-06***	***FD-07***	***FD-08R***	***FD-09***
	Sample ID:	***WG-12616-032514-DN-46***	***WG-12616-032514-DN-45***	***WG-12616-032014-DN-22***	***WG-12616-032014-DN-23***	***WG-12616-032014-DN-24***
	Sample Date:	***3/25/2014***	***3/25/2014***	***3/20/2014***	***3/20/2014***	***3/20/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	3.3 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	17 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	17 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	17 U	10 U	10 U	10 U	10 U
Acetone	µg/L	17 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***FD-05***	***FD-06***	***FD-07***	***FD-08R***	***FD-09***
	Sample ID:	***WG-12616-032514-DN-46***	***WG-12616-032514-DN-45***	***WG-12616-032014-DN-22***	***WG-12616-032014-DN-23***	***WG-12616-032014-DN-24***
	Sample Date:	***3/25/2014***	***3/25/2014***	***3/20/2014***	***3/20/2014***	***3/20/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	81	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	17 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	5.0	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	0.37 J	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	3.3 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***FD-11***	***FD-13***	***FD-14***	***MW-15R***	***MW-16R***
	Sample ID:	***WG-12616-032014-DN-25***	***WG-12616-032014-DN-27***	***WG-12616-032014-DN-26***	***WG-12616-032514-DN-47***	***WG-12616-032414-DN-44***
	Sample Date:	***3/20/2014***	***3/20/2014***	***3/20/2014***	***3/25/2014***	***3/24/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***FD-11***	***FD-13***	***FD-14***	***MW-15R***	***MW-16R***
	Sample ID:	***WG-12616-032014-DN-25***	***WG-12616-032014-DN-27***	***WG-12616-032014-DN-26***	***WG-12616-032514-DN-47***	***WG-12616-032414-DN-44***
	Sample Date:	***3/20/2014***	***3/20/2014***	***3/20/2014***	***3/25/2014***	***3/24/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.46 J
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-17***	***MW-18***	***MW-19***	***MW-21D***	***MW-21S***
	Sample ID:	***WG-12616-032514-DN-48***	***WG-12616-032414-DN-43***	***WG-12616-032414-DN-42***	***WG-12616-032614-DN-54***	***WG-12616-032614-DN-55***
	Sample Date:	***3/25/2014***	***3/24/2014***	***3/24/2014***	***3/26/2014***	***3/26/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-17***	***MW-18***	***MW-19***	***MW-21D***	***MW-21S***
	Sample ID:	***WG-12616-032514-DN-48***	***WG-12616-032414-DN-43***	***WG-12616-032414-DN-42***	***WG-12616-032614-DN-54***	***WG-12616-032614-DN-55***
	Sample Date:	***3/25/2014***	***3/24/2014***	***3/24/2014***	***3/26/2014***	***3/26/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.1	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Sample Location:		*MW-22D*	*MW-22S*	*MW-23D*	*MW-23S*	*MW-24S*
Sample ID:		*WG-12616-032614-DN-57*	*WG-12616-032614-DN-56*	*WG-12616-032614-DN-58*	*WG-12616-032614-DN-59*	*WG-12616-031714-DN-03*
Sample Date:		*3/26/2014*	*3/26/2014*	*3/26/2014*	*3/26/2014*	*3/17/2014*
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	4.9
1,1,2,2-Tetrachloroethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	2.7 J	3.3 U	7.1 U	1.0 U	1.1
1,1-Dichloroethene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	8.0 U	6.7 U	14 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	40 U	33 U	71 U	10 U	10 U
2-Hexanone	µg/L	40 U	33 U	71 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	40 U	1.2 J	71 U	10 U	10 U
Acetone	µg/L	40 U	33 U	71 U	10 U	10 U
Benzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Bromoform	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Carbon disulfide	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	0.22 J
Carbon tetrachloride	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Chlorobenzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Chloroethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-22D***	***MW-22S***	***MW-23D***	***MW-23S***	***MW-24S***
	Sample ID:	***WG-12616-032614-DN-57***	***WG-12616-032614-DN-56***	***WG-12616-032614-DN-58***	***WG-12616-032614-DN-59***	***WG-12616-031714-DN-03***
	Sample Date:	***3/26/2014***	***3/26/2014***	***3/26/2014***	***3/26/2014***	***3/17/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	100	87	86	0.66 J	1.0 U
cis-1,3-Dichloropropene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Cyclohexane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Ethylbenzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Methyl acetate	µg/L	40 U	33 U	71 U	10 U	10 U
Methyl cyclohexane	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Methylene chloride	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Styrene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Toluene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	49	17	14	1.0 U	0.27 J
trans-1,3-Dichloropropene	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Trichloroethene	µg/L	6.3	61	7.1 U	1.0 U	2.4
Trichlorofluoromethane (CFC-11)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	4.0 U	3.3 U	7.1 U	1.0 U	1.0 U
Vinyl chloride	µg/L	12	95	240	0.54 J	1.0 U
Xylenes (total)	µg/L	8.0 U	6.7 U	14 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-25D***	***MW-25S***	***MW-26D***	***MW-26S***	***MW-27D***
	Sample ID:	***WG-12616-031714-DN-02***	***WG-12616-031714-DN-01***	***WG-12616-031714-DN-04***	***WG-12616-031714-DN-05***	***WG-12616-031714-DN-06***
	Sample Date:	***3/17/2014***	***3/17/2014***	***3/17/2014***	***3/17/2014***	***3/17/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	12	10 U	10 U	10 U	10 U
Benzene	µg/L	0.14 J	0.61 J	1.0 U	1.0 U	0.49 J
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	0.22 J	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	*MW-25D*	*MW-25S*	*MW-26D*	*MW-26S*	*MW-27D*
	Sample ID:	*WG-12616-031714-DN-02*	*WG-12616-031714-DN-01*	*WG-12616-031714-DN-04*	*WG-12616-031714-DN-05*	*WG-12616-031714-DN-06*
	Sample Date:	*3/17/2014*	*3/17/2014*	*3/17/2014*	*3/17/2014*	*3/17/2014*
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	5.0	2.9	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	0.17 J	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	0.39 J	1.0 U	1.0 U	0.19 J
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.1	0.69 J	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	9.6	6.8	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***MW-27S***	***MW-28D***	***MW-28S***	***OW-1R***	***OW-1R***
	Sample ID:	***WG-12616-031814-DN-07***	***WG-12616-031814-DN-08***	***WG-12616-031814-DN-09***	***WG-12616-031814-DN-10***	***WG-12616-031814-DN-11***
	Sample Date:	***3/18/2014***	***3/18/2014***	***3/18/2014***	***3/18/2014***	***3/18/2014 (Duplicate)***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	0.45 J	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	0.69 J	5.7 J	4.7 J	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	42	37	10 U	10 U
Benzene	µg/L	0.19 J	0.20 J	0.68 J	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.4	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	*MW-27S*	*MW-28D*	*MW-28S*	*OW-1R*	*OW-1R*
	Sample ID:	*WG-12616-031814-DN-07*	*WG-12616-031814-DN-08*	*WG-12616-031814-DN-09*	*WG-12616-031814-DN-10*	*WG-12616-031814-DN-11*
	Sample Date:	*3/18/2014*	*3/18/2014*	*3/18/2014*	*3/18/2014*	*3/18/2014 (Duplicate)*
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	10	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	0.39 J	1.5	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	0.48 J	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	0.25 J	1.1	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	0.36 J	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	0.59 J	1.0 U	1.0 U
Toluene	µg/L	0.14 J	0.26 J	1.3	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	2.4	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	6.6	1.1	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	4.6	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	3.4	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-01***	***P-01T***	***P-02***	***P-02T***	***P-03R***
	Sample ID:	***WG-12616-032414-DN-41***	***WG-12616-032414-DN-40***	***WG-12616-031914-DN-19***	***WG-12616-031914-DN-18***	***WG-12616-031914-DN-16***
	Sample Date:	***3/24/2014***	***3/24/2014***	***3/19/2014***	***3/19/2014***	***3/19/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-01***	***P-01T***	***P-02***	***P-02T***	***P-03R***
	Sample ID:	***WG-12616-032414-DN-41***	***WG-12616-032414-DN-40***	***WG-12616-031914-DN-19***	***WG-12616-031914-DN-18***	***WG-12616-031914-DN-16***
	Sample Date:	***3/24/2014***	***3/24/2014***	***3/19/2014***	***3/19/2014***	***3/19/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-03T***	***P-05R***	***P-05SR***	***P-08R***	***P-08R***
	Sample ID:	***WG-12616-031914-DN-17***	***WG-12616-032414-DN-38***	***WG-12616-032414-DN-39***	***WG-12616-032114-DN-30***	***WG-12616-032114-DN-31***
	Sample Date:	***3/19/2014***	***3/24/2014***	***3/24/2014***	***3/21/2014***	***3/21/2014 (Duplicate)***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	2.9 J	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	29 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	140 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	140 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	140 U	10 U	10 U	10 U
Acetone	µg/L	10 U	140 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	*P-03T*	*P-05R*	*P-05SR*	*P-08R*	*P-08R*
	Sample ID:	*WG-12616-031914-DN-17*	*WG-12616-032414-DN-38*	*WG-12616-032414-DN-39*	*WG-12616-032114-DN-30*	*WG-12616-032114-DN-31*
	Sample Date:	*3/19/2014*	*3/24/2014*	*3/24/2014*	*3/21/2014*	*3/21/2014 (Duplicate)*
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	360	2.6	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	140 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	170	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	410	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	14 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	74	0.30 J	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	29 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-08T***	***P-12***	***P-12TR***	***P-14***	***P-14T***
	Sample ID:	***WG-12616-032114-DN-32***	***WG-12616-032114-DN-33***	***WG-12616-032114-DN-34***	***WG-12616-032114-DN-35***	***WG-12616-032114-DN-36***
	Sample Date:	***3/21/2014***	***3/21/2014***	***3/21/2014***	***3/21/2014***	***3/21/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-08T***	***P-12***	***P-12TR***	***P-14***	***P-14T***
	Sample ID:	***WG-12616-032114-DN-32***	***WG-12616-032114-DN-33***	***WG-12616-032114-DN-34***	***WG-12616-032114-DN-35***	***WG-12616-032114-DN-36***
	Sample Date:	***3/21/2014***	***3/21/2014***	***3/21/2014***	***3/21/2014***	***3/21/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-15***	***P-15T***	***P-16***	***P-16T***	***P-18***
	Sample ID:	***WG-12616-031814-DN-12***	***WG-12616-031814-DN-13***	***WG-12616-031914-DN-20***	***WG-12616-032014-DN-21***	***WG-12616-031914-DN-15***
	Sample Date:	***3/18/2014***	***3/18/2014***	***3/19/2014***	***3/20/2014***	***3/19/2014***
Parameters:	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-15***	***P-15T***	***P-16***	***P-16T***	***P-18***
	Sample ID:	***WG-12616-031814-DN-12***	***WG-12616-031814-DN-13***	***WG-12616-031914-DN-20***	***WG-12616-032014-DN-21***	***WG-12616-031914-DN-15***
	Sample Date:	***3/18/2014***	***3/18/2014***	***3/19/2014***	***3/20/2014***	***3/19/2014***
Parameters:	***Units***					
Volatile Organic Compounds (Continued)						
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Sample Location:		***P-18T***	***P-20***	***P-21***
Sample ID:		***WG-12616-031914-DN-14***	***WG-12616-032414-DN-37***	***WG-12616-032014-DN-28***
Sample Date:		***3/19/2014***	***3/24/2014***	***3/20/2014***
Parameters:	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-18T***	***P-20***	***P-21***
	Sample ID:	***WG-12616-031914-DN-14***	***WG-12616-032414-DN-37***	***WG-12616-032014-DN-28***
	Sample Date:	***3/19/2014***	***3/24/2014***	***3/20/2014***
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
cis-1,2-Dichloroethene	µg/L	1.0 U	0.25 J	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	***P-21T***	***Rinse Blank***	***Trip Blank***	***Trip Blank***
	Sample ID:	***WG-12616-032114-DN-29***	***RB-12616-032614-DN-60***	***TRIP BLANK***	***TB-002***
	Sample Date:	***3/21/2014***	***3/26/2014***	***3/21/2014***	***3/24/2014***
			(other)	***(other)***	***(other)***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	2.9 J	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	27	1.3 J	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

	Sample Location:	*P-21T*	*Rinse Blank*	*Trip Blank*	*Trip Blank*
	Sample ID:	*WG-12616-032114-DN-29*	*RB-12616-032614-DN-60*	*TRIP BLANK*	*TB-002*
	Sample Date:	*3/21/2014*	*3/26/2014*	*3/21/2014*	*3/24/2014*
			(other)	*(other)*	*(other)*
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	0.53 J
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	0.33 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.21 J	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

Notes:

J - Estimated Concentration
U - Not present at or above the associated value.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Parameter	*Method* [1]	*Matrix*	*Preservation*	*Holding Time*	
				Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
TCL VOCs	SW-846 8260B	Water	Cool to 0-6° C HCl to pH<2	-	14

Notes:

[1] - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
VOCs - Volatile Organic Compounds
TCL - Target Compound List

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Parameter	*Analyte*	*Analysis Date*	*Blank Result **	*Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	Acetone	03/31/14	1.47 J	WG-12616-032014-DN-28	1.6 J	10 U	µg/L
				WG-12616-032114-DN-29	1.6 J	10 U	µg/L
				WG-12616-032114-DN-30	1.3 J	10 U	µg/L
				WG-12616-032114-DN-31	1.2 J	10 U	µg/L
				WG-12616-032114-DN-32	1.2 J	10 U	µg/L
				WG-12616-032114-DN-33	1.7 J	10 U	µg/L
				WG-12616-032114-DN-34	1.4 J	10 U	µg/L
				WG-12616-032114-DN-35	1.6 J	10 U	µg/L
				WG-12616-032114-DN-36	1.6 J	10 U	µg/L
VOCs	Carbon disulfide	04/01/14	0.826 J	WG-12616-032514-DN-47	0.15 J	1.0 U	µg/L

Notes:

* - Blank result adjusted for sample factors where applicable.
J - Estimated Concentration
U - Not detected at the associated reporting limit.
VOCs - Volatile Organic Compounds

TABLE 5

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	3/17/14	Acetone	1.3 J	WG-12616-031714-DN-01	1.6 J	10 U	µg/L
				WG-12616-031714-DN-04	1.3 J	10 U	µg/L
				WG-12616-031714-DN-05	6.7 J	10 U	µg/L
				WG-12616-031714-DN-06	1.4 J	10 U	µg/L
				WG-12616-031814-DN-07	3.1 J	10 U	µg/L
VOCs	3/26/14	Methylene chloride	0.53 J	WG-12616-032614-DN-58	2.4 J	7.1 U	µg/L

Notes:

J - Estimated Concentration
U - Not detected at the associated reporting limit.
VOCs - Volatile Organic Compounds

TABLE 6

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
MARCH 2014

Parameter	*Rinse Blank ID*	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	RB-12616-032614-DN-60	02/26/14	Acetone	27	WG-12616-032414-DN-37	2.7 J	10 U	µg/L
					WG-12616-032414-DN-39	1.8 J	10 U	µg/L
					WG-12616-032414-DN-40	2.5 J	10 U	µg/L
					WG-12616-032414-DN-41	2.0 J	10 U	µg/L
					WG-12616-032414-DN-42	1.5 J	10 U	µg/L
					WG-12616-032414-DN-44	1.1 J	10 U	µg/L
					WG-12616-032514-DN-45	1.6 J	10 U	µg/L
					WG-12616-032514-DN-48	1.5 J	10 U	µg/L
					WG-12616-032514-DN-50	1.1 J	10 U	µg/L
					WG-12616-032514-DN-51	1.7 J	10 U	µg/L
					WG-12616-032514-DN-52	1.3 J	10 U	µg/L
					WG-12616-032514-DN-53	1.1 J	10 U	µg/L
					WG-12616-032614-DN-54	3.0 J	10 U	µg/L
					WG-12616-032614-DN-59	1.1 J	10 U	µg/L

Notes:

J Estimated.
U Not detected at the associated reporting limit.
VOCs Volatile Organic Compounds.

CONESTOGA-ROVERS & ASSOCIATES

9033 Meridian Way, West Chester, OH 45069
Telephone: 513-942-4750 Fax: 513-942-8585
www.CRAworld.com

MEMORANDUM

TO:	Andrew LaVine	REF. NO.:	012616-T02
FROM:	Angela Bown/bjw/18-NF	DATE:	September 30, 2014
RE:	**Analytical Results and Reduced Validation RFI-Groundwater Sampling RACER-Elyria Elyria, Ohio September 2014**		

1.0 Introduction

The following document details a reduced validation of analytical results for groundwater samples collected in support of the RFI-Groundwater Sampling at the RACER-Elyria Site during September 2014. Samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS), and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled: "USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review", United States Environmental Protection Agency (USEPA) 540-R-08-01, June 2008.

This document will subsequently be referred to as the "Guidelines" in this Memorandum.

2.0 Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

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All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3.0 Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

Methylene chloride was detected in one method blank. All associated sample results were non-detect and therefore qualification was not necessary.

All remaining method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

4.0 Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for VOC determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries were within the laboratory control limits.

5.0 Laboratory Control Sample Analyses

LCSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. High LCS recoveries do not impact non-detect sample results.

For this study, LCSs were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits or did not warrant qualification of the associated sample results.

6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

If the original sample concentration is significantly greater than the spike concentration, then the recovery is not assessed. If only the MS or MSD recovery was outside of control limits, no qualification of the data was performed based on the acceptable recovery of the companion spike and the acceptable RPD.

The samples that were selected for MS/MSD analyses are noted in Table 1.

The MS/MSD samples were spiked with all compounds of interest. Most percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision. Table 4 presents the sample results that were qualified due to outlying MS/MSD recoveries.

7.0 Field QA/QC Samples

The field QA/QC consisted of two trip blank samples, one rinse blank sample, and three field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, two trip blanks were submitted to the laboratory for volatile organic compound (VOC) analysis. Most results were non-detect for the compounds of interest. Acetone and methylene chloride were detected in the trip blank samples. All associated sample results that were at a similar concentration were qualified as non-detect. Table 5 presents the sample results that were qualified due to analyte concentrations in the trip blanks.

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the Site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. All results were non-detect for the compounds of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, three field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

8.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

9.0 Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TCL VOCs***	***Comments***
TestAmerica Job Number: 240-41608-1						
WG-12616-090214-DN-01	OW1-R	WG	9/2/2014	15:00	X	
WG-12616-090214-DN-02	FD-07	WG	9/2/2014	16:25	X	
WG-12616-090214-DN-03	FD-08R	WG	9/2/2014	17:40	X	
WG-12616-090314-DN-04	FD-11	WG	9/3/2014	7:55	X	
WG-12616-090314-DN-05	FD-14	WG	9/3/2014	9:15	X	
WG-12616-090314-DN-06	P-15	WG	9/3/2014	14:00	X	
WG-12616-090314-DN-07	P-15T	WG	9/3/2014	15:40	X	
WG-12616-090314-DN-08	P-18	WG	9/3/2014	17:15	X	
WG-12616-090314-DN-09	P-18T	WG	9/3/2014	18:10	X	
WG-12616-090414-DN-10	P-2	WG	9/4/2014	8:30	X	
WG-12616-090414-DN-11	P-2T	WG	9/4/2014	9:30	X	
WG-12616-090414-DN-12	P-3T	WG	9/4/2014	10:50	X	
WG-12616-090414-DN-13	P-3T	WG	9/4/2014	11:20	X	WG-12616-090414-DN-12
WG-12616-090414-DN-14	P-3R	WG	9/4/2014	12:35	X	
WG-12616-090414-DN-15	P-16	WG	9/4/2014	13:45	X	
WG-12616-090414-DN-16	P-16T	WG	9/4/2014	16:00	X	
WG-12616-090414-DN-17	P-21T	WG	9/4/2014	17:35	X	
WG-12616-090514-DN-18	P-21	WG	9/5/2014	8:50	X	MS/MSD
WG-12616-090514-DN-19	P-8R	WG	9/5/2014	12:20	X	
WG-12616-090514-DN-20	P-8T	WG	9/5/2014	13:15	X	
WG-12616-090514-DN-21	P-14	WG	9/5/2014	14:25	X	
WG-12616-090514-DN-22	P-14T	WG	9/5/2014	15:55	X	
WG-12616-090514-DN-23	P-12TR	WG	9/5/2014	17:05	X	
WG-12616-090514-DN-24	P-12	WG	9/5/2014	18:00	X	
TB-12616-001	NA	WG	9/5/2014	-	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TCL VOCs***	***Comments***
TestAmerica Job Number: 240-41799-1						
WG-12616-090814-DN-25	MW-20	WG	9/8/2014	7:50	X	
WG-12616-090814-DN-26	MW-21S	WG	9/8/2014	8:50	X	
WG-12616-090814-DN-27	MW-21D	WG	9/8/2014	9:50	X	
WG-12616-090814-DN-28	MW-22S	WG	9/8/2014	11:05	X	
WG-12616-090814-DN-29	MW-22D	WG	9/8/2014	12:10	X	
WG-12616-090814-DN-30	MW-23S	WG	9/8/2014	13:25	X	
WG-12616-090814-DN-31	MW-23D	WG	9/8/2014	14:35	X	
WG-12616-090814-DN-32	MW-27S	WG	9/8/2014	16:10	X	
WG-12616-090914-DN-33	MW-27D	WG	9/9/2014	8:25	X	
WG-12616-090914-DN-34	MW-28S	WG	9/9/2014	9:45	X	
WG-12616-090914-DN-35	MW-28D	WG	9/9/2014	10:40	X	
WG-12616-090914-DN-36	MW-28D	WG	9/9/2014	11:05	X	WG-12616-090914-DN-35
WG-12616-090914-DN-37	MW-26S	WG	9/9/2014	12:00	X	
WG-12616-090914-DN-38	MW-26D	WG	9/9/2014	13:20	X	
WG-12616-090914-DN-39	MW-24S	WG	9/9/2014	14:35	X	
WG-12616-090914-DN-40	MW-25S	WG	9/9/2014	15:50	X	
WG-12616-090914-DN-41	MW-25D	WG	9/9/2014	17:10	X	
WG-12616-091014-DN-42	P-5R	WG	9/10/2014	7:50	X	
WG-12616-091014-DN-43	P-5SR	WG	9/10/2014	9:25	X	MS/MSD
WG-12616-091014-DN-44	P-1T	WG	9/10/2014	10:55	X	
WG-12616-091014-DN-45	P-1	WG	9/10/2014	12:10	X	
WG-12616-091014-DN-46	MW-19	WG	9/10/2014	13:10	X	
WG-12616-091014-DN-47	MW-18	WG	9/10/2014	15:15	X	
WG-12616-091014-DN-48	MW-16R	WG	9/10/2014	16:30	X	
WG-12616-091014-DN-49	FD-06	WG	9/10/2014	17:35	X	
WG-12616-091114-DN-50	FD-05	WG	9/11/2014	7:55	X	
WG-12616-091114-DN-51	MW-15R	WG	9/11/2014	9:35	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

					Analysis/Parameters	
Sample Identification	***Location***	***Matrix***	***Collection Date (mm/dd/yyyy)***	***Collection Time (hr:min)***	***TCL VOCs***	***Comments***
TestAmerica Job Number: 240-41799-1						
WG-12616-091114-DN-52	FD-01	WG	9/11/2014	11:05	X	
WG-12616-091114-DN-53	FD-02	WG	9/11/2014	12:20	X	
WG-12616-091114-DN-54	FD-02	WG	9/11/2014	12:55	X	WG-12616-091114-DN-53
WG-12616-091114-DN-55	FD-03	WG	9/11/2014	14:30	X	
WG-12616-091114-DN-56	FD-04	WG	9/11/2014	15:40	X	
RB-12616-091114-DN-57	NA	WG	9/11/2014	16:00	X	
TB-12616-002	NA	WG	9/11/2014	-	X	

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
VOCs - Volatile Organic Compounds
TCL - Target Compound List
WG - Groundwater

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***FD-01***	***FD-02***	***FD-02***	***FD-03***
Sample ID:		***WG-12616-091114-DN-52***	***WG-12616-091114-DN-53***	***WG-12616-091114-DN-54***	***WG-12616-091114-DN-55***
Sample Date:		***9/11/2014***	***9/11/2014***	***9/11/2014 (Duplicate)***	***9/11/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	*FD-01*	*FD-02*	*FD-02*	*FD-03*
	Sample ID:	*WG-12616-091114-DN-52*	*WG-12616-091114-DN-53*	*WG-12616-091114-DN-54*	*WG-12616-091114-DN-55*
	Sample Date:	*9/11/2014*	*9/11/2014*	*9/11/2014 (Duplicate)*	*9/11/2014*
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***FD-01***	***FD-02***	***FD-02***	***FD-03***
	Sample ID:	***WG-12616-091114-DN-52***	***WG-12616-091114-DN-53***	***WG-12616-091114-DN-54***	***WG-12616-091114-DN-55***
	Sample Date:	***9/11/2014***	***9/11/2014***	***9/11/2014 (Duplicate)***	***9/11/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		*FD-04*	*FD-05*	*FD-06*	*FD-07*
Sample ID:		*WG-12616-091114-DN-56*	*WG-12616-091114-DN-50*	*WG-12616-091014-DN-49*	*WG-12616-090214-DN-02*
Sample Date:		*9/11/2014*	*9/11/2014*	*9/10/2014*	*9/2/2014*
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	4.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	20 U	10 U	10 U
2-Hexanone	µg/L	10 U	20 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	20 U	10 U	10 U
Acetone	µg/L	10 U	20 U	10 U	10 U
Benzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*FD-04*	*FD-05*	*FD-06*	*FD-07*
Sample ID:	*WG-12616-091114-DN-56*	*WG-12616-091114-DN-50*	*WG-12616-091014-DN-49*	*WG-12616-090214-DN-02*
Sample Date:	*9/11/2014*	*9/11/2014*	*9/10/2014*	*9/2/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	51	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	20 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	3.3	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***FD-04***	***FD-05***	***FD-06***	***FD-07***
	Sample ID:	***WG-12616-091114-DN-56***	***WG-12616-091114-DN-50***	***WG-12616-091014-DN-49***	***WG-12616-090214-DN-02***
	Sample Date:	***9/11/2014***	***9/11/2014***	***9/10/2014***	***9/2/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	2.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	4.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*FD-08R*	*FD-11*	*FD-14*	*MW-15R*
Sample ID:	*WG-12616-090214-DN-03*	*WG-12616-090314-DN-04*	*WG-12616-090314-DN-05*	*WG-12616-091114-DN-51*
Sample Date:	*9/2/2014*	*9/3/2014*	*9/3/2014*	*9/11/2014*
Parameters: ***Units***				
Volatile Organic Compounds				
1,1,1-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP) µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK) µg/L	10 U	10 U	10 U	10 U
2-Hexanone µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) µg/L	10 U	10 U	10 U	10 U
Acetone µg/L	10 U	10 U	10 U	10 U
Benzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*FD-08R*	*FD-11*	*FD-14*	*MW-15R*
Sample ID:	*WG-12616-090214-DN-03*	*WG-12616-090314-DN-04*	*WG-12616-090314-DN-05*	*WG-12616-091114-DN-51*
Sample Date:	*9/2/2014*	*9/3/2014*	*9/3/2014*	*9/11/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***FD-08R***	***FD-11***	***FD-14***	***MW-15R***
	Sample ID:	***WG-12616-090214-DN-03***	***WG-12616-090314-DN-04***	***WG-12616-090314-DN-05***	***WG-12616-091114-DN-51***
	Sample Date:	***9/2/2014***	***9/3/2014***	***9/3/2014***	***9/11/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*MW-16R*	*MW-18*	*MW-19*	*MW-20*
Sample ID:	*WG-12616-091014-DN-48*	*WG-12616-091014-DN-47*	*WG-12616-091014-DN-46*	*WG-12616-090814-DN-25*
Sample Date:	*9/10/2014*	*9/10/2014*	*9/10/2014*	*9/8/2014*
Parameters: ***Units***				
Volatile Organic Compounds				
1,1,1-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP) µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK) µg/L	10 U	10 U	10 U	10 U
2-Hexanone µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) µg/L	10 U	10 U	10 U	10 U
Acetone µg/L	10 U	10 U	10 U	10 U
Benzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*MW-16R*	*MW-18*	*MW-19*	*MW-20*
Sample ID:	*WG-12616-091014-DN-48*	*WG-12616-091014-DN-47*	*WG-12616-091014-DN-46*	*WG-12616-090814-DN-25*
Sample Date:	*9/10/2014*	*9/10/2014*	*9/10/2014*	*9/8/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	0.33 J	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	0.83 J	2.1	1.0 U	0.38 J
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***MW-16R***	***MW-18***	***MW-19***	***MW-20***
Sample ID:		***WG-12616-091014-DN-48***	***WG-12616-091014-DN-47***	***WG-12616-091014-DN-46***	***WG-12616-090814-DN-25***
Sample Date:		***9/10/2014***	***9/10/2014***	***9/10/2014***	***9/8/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 UJ	1.0 U
Vinyl chloride	µg/L	6.2	3.6	0.40 J	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***MW-21D***	***MW-21S***	***MW-22D***	***MW-22S***
Sample ID:		***WG-12616-090814-DN-27***	***WG-12616-090814-DN-26***	***WG-12616-090814-DN-29***	***WG-12616-090814-DN-28***
Sample Date:		***9/8/2014***	***9/8/2014***	***9/8/2014***	***9/8/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	2.8	33 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	5.0 U	67 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	25 U	330 U
2-Hexanone	µg/L	10 U	10 U	25 U	330 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	25 U	330 U
Acetone	µg/L	10 U	10 U	25 U	330 U
Benzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
Bromoform	µg/L	1.0 U	1.0 U	2.5 U	33 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	2.5 U	33 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*MW-21D*	*MW-21S*	*MW-22D*	*MW-22S*
Sample ID:	*WG-12616-090814-DN-27*	*WG-12616-090814-DN-26*	*WG-12616-090814-DN-29*	*WG-12616-090814-DN-28*
Sample Date:	*9/8/2014*	*9/8/2014*	*9/8/2014*	*9/8/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	2.5 U	33 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	2.5 U	33 U
Chlorobenzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Chloroethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	2.5 U	33 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	2.5 U	33 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	96	830
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Cyclohexane	µg/L	1.0 U	1.0 U	2.5 U	33 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	2.5 U	33 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	2.5 U	33 U
Ethylbenzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Methyl acetate	µg/L	10 U	10 U	25 U	330 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	2.5 U	33 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	2.5 U	33 U
Methylene chloride	µg/L	1.0 U	1.0 U	2.5 U	33 U
Styrene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Toluene	µg/L	1.0 U	1.0 U	2.5 U	33 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	34	77

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	*MW-21D*	*MW-21S*	*MW-22D*	*MW-22S*
	Sample ID:	*WG-12616-090814-DN-27*	*WG-12616-090814-DN-26*	*WG-12616-090814-DN-29*	*WG-12616-090814-DN-28*
	Sample Date:	*9/8/2014*	*9/8/2014*	*9/8/2014*	*9/8/2014*
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	2.5 U	33 U
Trichloroethene	µg/L	1.0 U	1.0 U	3.0	33 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	2.5 U	33 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	2.5 U	33 U
Vinyl chloride	µg/L	1.0 U	1.0 U	28	1200
Xylenes (total)	µg/L	2.0 U	2.0 U	5.0 U	67 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*MW-23D*	*MW-23S*	*MW-24S*	*MW-25D*
Sample ID:	*WG-12616-090814-DN-31*	*WG-12616-090814-DN-30*	*WG-12616-090914-DN-39*	*WG-12616-090914-DN-41*
Sample Date:	*9/8/2014*	*9/8/2014*	*9/9/2014*	*9/9/2014*
Parameters: ***Units***				
Volatile Organic Compounds				
1,1,1-Trichloroethane µg/L	13 U	1.0 U	10	1.0 U
1,1,2,2-Tetrachloroethane µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane µg/L	13 U	1.0 U	1.9	1.0 U
1,1-Dichloroethene µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP) µg/L	25 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide) µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane µg/L	13 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene µg/L	13 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene µg/L	13 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK) µg/L	130 U	10 U	10 U	10 U
2-Hexanone µg/L	130 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) µg/L	130 U	10 U	10 U	10 U
Acetone µg/L	130 U	10 U	10 U	10 U
Benzene µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromoform µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide) µg/L	13 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*MW-23D*	*MW-23S*	*MW-24S*	*MW-25D*
Sample ID:	*WG-12616-090814-DN-31*	*WG-12616-090814-DN-30*	*WG-12616-090914-DN-39*	*WG-12616-090914-DN-41*
Sample Date:	*9/8/2014*	*9/8/2014*	*9/9/2014*	*9/9/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	13 U	1.0 U	1.0 U	0.62 J
Carbon tetrachloride	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	13 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	57	4.1	0.46 J	1.0 U
cis-1,3-Dichloropropene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	130 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	13 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	13 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	17	0.65 J	0.31 J	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	*MW-23D*	*MW-23S*	*MW-24S*	*MW-25D*
	Sample ID:	*WG-12616-090814-DN-31*	*WG-12616-090814-DN-30*	*WG-12616-090914-DN-39*	*WG-12616-090914-DN-41*
	Sample Date:	*9/8/2014*	*9/8/2014*	*9/9/2014*	*9/9/2014*
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	13 U	0.22 J	4.5	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	420	14	1.0 U	1.0 U
Xylenes (total)	µg/L	25 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***MW-25S***	***MW-26D***	***MW-26S***	***MW-27D***
Sample ID:		***WG-12616-090914-DN-40***	***WG-12616-090914-DN-38***	***WG-12616-090914-DN-37***	***WG-12616-090914-DN-33***
Sample Date:		***9/9/2014***	***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	0.24 J	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***MW-25S***	***MW-26D***	***MW-26S***	***MW-27D***
Sample ID:		***WG-12616-090914-DN-40***	***WG-12616-090914-DN-38***	***WG-12616-090914-DN-37***	***WG-12616-090914-DN-33***
Sample Date:		***9/9/2014***	***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
Carbon disulfide	µg/L	1.0 U	0.86 J	0.34 J	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	7.1	2.9	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.1	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***MW-25S***	***MW-26D***	***MW-26S***	***MW-27D***
	Sample ID:	***WG-12616-090914-DN-40***	***WG-12616-090914-DN-38***	***WG-12616-090914-DN-37***	***WG-12616-090914-DN-33***
	Sample Date:	***9/9/2014***	***9/9/2014***	***9/9/2014***	***9/9/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	24	28	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***MW-27S***	***MW-28D***	***MW-28D***	***MW-28S***
Sample ID:		***WG-12616-090814-DN-32***	***WG-12616-090914-DN-35***	***WG-12616-090914-DN-36***	***WG-12616-090914-DN-34***
Sample Date:		***9/8/2014***	***9/9/2014***	***9/9/2014 (Duplicate)***	***9/9/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	0.41 J	0.46 J	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.79 J
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	4.3 J	4.3 J	4.9 J
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	42	44	53
Benzene	µg/L	1.0 U	1.0 U	1.0 U	0.72 J
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	*MW-27S*	*MW-28D*	*MW-28D*	*MW-28S*
	Sample ID:	*WG-12616-090814-DN-32*	*WG-12616-090914-DN-35*	*WG-12616-090914-DN-36*	*WG-12616-090914-DN-34*
	Sample Date:	*9/8/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
Carbon disulfide	µg/L	1.0 U	1.2	1.5	1.6
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	0.60 J	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	14	15	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.5
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	0.50 J
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	0.84 J
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.35 J
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.9
trans-1,2-Dichloroethene	µg/L	1.0 U	3.4	3.6	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	*MW-27S*	*MW-28D*	*MW-28D*	*MW-28S*
	Sample ID:	*WG-12616-090814-DN-32*	*WG-12616-090914-DN-35*	*WG-12616-090914-DN-36*	*WG-12616-090914-DN-34*
	Sample Date:	*9/8/2014*	*9/9/2014*	*9/9/2014 (Duplicate)*	*9/9/2014*
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.9	2.0	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	12	13	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	3.1

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***OW-1R***	***P-01***	***P-01T***	***P-02***
Sample ID:		***WG-12616-090214-DN-01***	***WG-12616-091014-DN-45***	***WG-12616-091014-DN-44***	***WG-12616-090414-DN-10***
Sample Date:		***9/2/2014***	***9/10/2014***	***9/10/2014***	***9/4/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***OW-1R***	***P-01***	***P-01T***	***P-02***
Sample ID:		***WG-12616-090214-DN-01***	***WG-12616-091014-DN-45***	***WG-12616-091014-DN-44***	***WG-12616-090414-DN-10***
Sample Date:		***9/2/2014***	***9/10/2014***	***9/10/2014***	***9/4/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***OW-1R***	***P-01***	***P-01T***	***P-02***
Sample ID:		***WG-12616-090214-DN-01***	***WG-12616-091014-DN-45***	***WG-12616-091014-DN-44***	***WG-12616-090414-DN-10***
Sample Date:		***9/2/2014***	***9/10/2014***	***9/10/2014***	***9/4/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.4	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		*P-02T*	*P-03R*	*P-03T*	*P-03T*
Sample ID:		*WG-12616-090414-DN-11*	*WG-12616-090414-DN-14*	*WG-12616-090414-DN-12*	*WG-12616-090414-DN-13*
Sample Date:		*9/4/2014*	*9/4/2014*	*9/4/2014*	*9/4/2014 (Duplicate)*
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-02T*	*P-03R*	*P-03T*	*P-03T*
Sample ID:	*WG-12616-090414-DN-11*	*WG-12616-090414-DN-14*	*WG-12616-090414-DN-12*	*WG-12616-090414-DN-13*
Sample Date:	*9/4/2014*	*9/4/2014*	*9/4/2014*	*9/4/2014 (Duplicate)*
Parameters: ***Units***				
Volatile Organic Compounds (Continued)				
Carbon disulfide µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***P-02T***	***P-03R***	***P-03T***	***P-03T***
	Sample ID:	***WG-12616-090414-DN-11***	***WG-12616-090414-DN-14***	***WG-12616-090414-DN-12***	***WG-12616-090414-DN-13***
	Sample Date:	***9/4/2014***	***9/4/2014***	***9/4/2014***	***9/4/2014 (Duplicate)***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-05R*	*P-05SR*	*P-08R*	*P-08T*
Sample ID:	*WG-12616-091014-DN-42*	*WG-12616-091014-DN-43*	*WG-12616-090514-DN-19*	*WG-12616-090514-DN-20*
Sample Date:	*9/10/2014*	*9/10/2014*	*9/5/2014*	*9/5/2014*
Parameters:	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	27 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	130 U	10 U	10 U	10 U
2-Hexanone	µg/L	130 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	130 U	10 U	10 U	10 U
Acetone	µg/L	130 U	10 U	10 U	10 U
Benzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	13 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	13 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-05R*	*P-05SR*	*P-08R*	*P-08T*
Sample ID:	*WG-12616-091014-DN-42*	*WG-12616-091014-DN-43*	*WG-12616-090514-DN-19*	*WG-12616-090514-DN-20*
Sample Date:	*9/10/2014*	*9/10/2014*	*9/5/2014*	*9/5/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	13 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	13 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	460	3.7	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	130 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	13 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	13 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	180	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***P-05R***	***P-05SR***	***P-08R***	***P-08T***
Sample ID:		***WG-12616-091014-DN-42***	***WG-12616-091014-DN-43***	***WG-12616-090514-DN-19***	***WG-12616-090514-DN-20***
Sample Date:		***9/10/2014***	***9/10/2014***	***9/5/2014***	***9/5/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	13 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	500	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	13 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	79	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	27 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***P-12***	***P-12TR***	***P-14***	***P-14T***
Sample ID:		***WG-12616-090514-DN-24***	***WG-12616-090514-DN-23***	***WG-12616-090514-DN-21***	***WG-12616-090514-DN-22***
Sample Date:		***9/5/2014***	***9/5/2014***	***9/5/2014***	***9/5/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-12*	*P-12TR*	*P-14*	*P-14T*
Sample ID:	*WG-12616-090514-DN-24*	*WG-12616-090514-DN-23*	*WG-12616-090514-DN-21*	*WG-12616-090514-DN-22*
Sample Date:	*9/5/2014*	*9/5/2014*	*9/5/2014*	*9/5/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***P-12***	***P-12TR***	***P-14***	***P-14T***
	Sample ID:	***WG-12616-090514-DN-24***	***WG-12616-090514-DN-23***	***WG-12616-090514-DN-21***	***WG-12616-090514-DN-22***
	Sample Date:	***9/5/2014***	***9/5/2014***	***9/5/2014***	***9/5/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***P-15***	***P-15T***	***P-16***	***P-16T***
Sample ID:		***WG-12616-090314-DN-06***	***WG-12616-090314-DN-07***	***WG-12616-090414-DN-15***	***WG-12616-090414-DN-16***
Sample Date:		***9/3/2014***	***9/3/2014***	***9/4/2014***	***9/4/2014***
Parameters:	***Units***				
Volatile Organic Compounds					
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-15*	*P-15T*	*P-16*	*P-16T*
Sample ID:	*WG-12616-090314-DN-06*	*WG-12616-090314-DN-07*	*WG-12616-090414-DN-15*	*WG-12616-090414-DN-16*
Sample Date:	*9/3/2014*	*9/3/2014*	*9/4/2014*	*9/4/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***P-15***	***P-15T***	***P-16***	***P-16T***
	Sample ID:	***WG-12616-090314-DN-06***	***WG-12616-090314-DN-07***	***WG-12616-090414-DN-15***	***WG-12616-090414-DN-16***
	Sample Date:	***9/3/2014***	***9/3/2014***	***9/4/2014***	***9/4/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-18*	*P-18T*	*P-21*	*P-21T*
Sample ID:	*WG-12616-090314-DN-08*	*WG-12616-090314-DN-09*	*WG-12616-090514-DN-18*	*WG-12616-090414-DN-17*
Sample Date:	*9/3/2014*	*9/3/2014*	*9/5/2014*	*9/4/2014*
Parameters: ***Units***				
Volatile Organic Compounds				
1,1,1-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP) µg/L	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK) µg/L	10 U	10 U	10 U	10 U
2-Hexanone µg/L	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) µg/L	10 U	10 U	10 U	10 U
Acetone µg/L	10 U	10 U	10 U	10 U
Benzene µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide) µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:	*P-18*	*P-18T*	*P-21*	*P-21T*
Sample ID:	*WG-12616-090314-DN-08*	*WG-12616-090314-DN-09*	*WG-12616-090514-DN-18*	*WG-12616-090414-DN-17*
Sample Date:	*9/3/2014*	*9/3/2014*	*9/5/2014*	*9/4/2014*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***P-18***	***P-18T***	***P-21***	***P-21T***
	Sample ID:	***WG-12616-090314-DN-08***	***WG-12616-090314-DN-09***	***WG-12616-090514-DN-18***	***WG-12616-090414-DN-17***
	Sample Date:	***9/3/2014***	***9/3/2014***	***9/5/2014***	***9/4/2014***
Parameters:	***Units***				
Volatile Organic Compounds (Continued)					
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	0.20 J
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Sample Location:		***Rinse Blank***	***Trip Blank***	***Trip Blank***
Sample ID:		***RB-12616-091114-DN-57***	***TB-12616-001***	***TB-12616-002***
Sample Date:		***9/11/2014***	***9/2/2014***	***9/8/2014***
		(other)	***(other)***	***(other)***
Parameters:	***Units***			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U
Acetone	µg/L	10 U	4.9 J	8.4 J
Benzene	µg/L	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	*Rinse Blank*	*Trip Blank*	*Trip Blank*
	Sample ID:	*RB-12616-091114-DN-57*	*TB-12616-001*	*TB-12616-002*
	Sample Date:	*9/11/2014*	*9/2/2014*	*9/8/2014*
		(other)	*(other)*	*(other)*
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	0.82 J
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

	Sample Location:	***Rinse Blank***	***Trip Blank***	***Trip Blank***
	Sample ID:	***RB-12616-091114-DN-57***	***TB-12616-001***	***TB-12616-002***
	Sample Date:	***9/11/2014***	***9/2/2014***	***9/8/2014***
		(other)	***(other)***	***(other)***
Parameters:	***Units***			
Volatile Organic Compounds (Continued)				
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U

Notes:

J - Estimated Concentration
U - Not present at or above the associated value.
UJ - Not detected; associated reporting limit is estimated.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Parameter	*Method* [1]	*Matrix*	*Preservation*	*Holding Time*	
				Collection to Extraction (Days)	*Collection or Extraction to Analysis (Days)*
TCL VOCs	SW-846 8260B	Water	Cool to 0-6° C HCl to pH<2	-	14

Notes:

[1] - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.

VOCs - Volatile Organic Compounds

TCL - Target Compound List

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Parameter	*Sample ID*	*Analyte*	*MS % Recovery*	*MSD % Recovery*	*RPD (percent)*	*Control Limits*		*Qualified Result*	*Units*
						% Recovery	*RPD*		
VOCs	WG-12616-091014-DN-46	1,1,2-Trichloro-1,2,2-trifluoroethane	61	63	4	70-152	0-30	1.0 UJ	µg/L

Notes:

MS - Matrix Spike
MSD - Matrix Spike Duplicate
RPD - Relative Percent Difference
VOCs - Volatile Organic Compounds
UJ - Not detected; associated reporting limit is estimated.

TABLE 5

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS
RFI-GROUNDWATER SAMPLING
RACER-ELYRIA
ELYRIA, OHIO
SEPTEMBER 2014

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Original Result*	*Qualified Result*	*Units*
VOCs	9/8/14	Acetone	8.4 J	WG-12616-090814-DN-32	3.4 J	10 U	µg/L

Notes:

J - Estimated Concentration
U - Not detected at the associated reporting limit.
VOCs - Volatile Organic Compounds

Appendix D

Human Health Risk Assessment: Supporting Calculations and Related Information

TABLE A.1

SUMMARY OF PROUCL OUTPUTS
OPEN BURN AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:03:03 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese

General Statistics

Total Number of Observations	15	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	140	Mean	975.3
Maximum	3400	Median	740
SD	863.4	Std. Error of Mean	222.9
Coefficient of Variation	0.885	Skewness	1.753

Normal GOF Test

Shapiro Wilk Test Statistic	0.832	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.207	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.229	Data appear Normal at 5% Significance Level

Data appear Approximate Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	1368	95% Adjusted-CLT UCL (Chen-1995)	1450
		95% Modified-t UCL (Johnson-1978)	1385

Gamma GOF Test

A-D Test Statistic	0.176	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.753	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.124	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.225	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.584	k star (bias corrected MLE)	1.312
Theta hat (MLE)	615.7	Theta star (bias corrected MLE)	743.5
nu hat (MLE)	47.52	nu star (bias corrected)	39.35
MLE Mean (bias corrected)	975.3	MLE Sd (bias corrected)	851.6
		Approximate Chi Square Value (0.05)	25.98
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	24.65

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	1477	95% Adjusted Gamma UCL (use when n<50)	1557

TABLE A.1

SUMMARY OF PROUCL OUTPUTS
OPEN BURN AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:03:03 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.984	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.0997	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.229	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	4.942	Mean of logged Data	6.535
Maximum of Logged Data	8.132	SD of logged Data	0.894

Assuming Lognormal Distribution

95% H-UCL	1902	90% Chebyshev (MVUE) UCL	1733
95% Chebyshev (MVUE) UCL	2069	97.5% Chebyshev (MVUE) UCL	2535
99% Chebyshev (MVUE) UCL	3450		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	1342	95% Jackknife UCL	1368
95% Standard Bootstrap UCL	1329	95% Bootstrap-t UCL	1561
95% Hall's Bootstrap UCL	2004	95% Percentile Bootstrap UCL	1352
95% BCA Bootstrap UCL	1450		
90% Chebyshev(Mean, Sd) UCL	1644	95% Chebyshev(Mean, Sd) UCL	1947
97.5% Chebyshev(Mean, Sd) UCL	2368	99% Chebyshev(Mean, Sd) UCL	3194

Suggested UCL to Use

95% Student's-t UCL	1368

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt

General Statistics

Total Number of Observations	30	Number of Distinct Observations	27
Number of Detects	27	Number of Non-Detects	3
Number of Distinct Detects	24	Number of Distinct Non-Detects	3
Minimum Detect	3.9	Minimum Non-Detect	180
Maximum Detect	44	Maximum Non-Detect	280
Variance Detects	56.13	Percent Non-Detects	10%
Mean Detects	8.972	SD Detects	7.492
Median Detects	7.7	CV Detects	0.835
Skewness Detects	4.19	Kurtosis Detects	19.83
Mean of Logged Detects	2.037	SD of Logged Detects	0.496

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.52	**Shapiro Wilk GOF Test**	
5% Shapiro Wilk Critical Value	0.923	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.258	**Lilliefors GOF Test**	
5% Lilliefors Critical Value	0.171	Detected Data Not Normal at 5% Significance Level	

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	8.972	Standard Error of Mean	1.442
SD	7.352	95% KM (BCA) UCL	11.94
95% KM (t) UCL	11.42	95% KM (Percentile Bootstrap) UCL	11.46
95% KM (z) UCL	11.34	95% KM Bootstrap t UCL	14.65
90% KM Chebyshev UCL	13.3	95% KM Chebyshev UCL	15.26
97.5% KM Chebyshev UCL	17.98	99% KM Chebyshev UCL	23.32

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.39	**Anderson-Darling GOF Test**	
5% A-D Critical Value	0.751	Detected Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.182	**Kolmogrov-Smirnoff GOF**	
5% K-S Critical Value	0.169	Detected Data Not Gamma Distributed at 5% Significance Level	

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	3.342	k star (bias corrected MLE)	2.996
Theta hat (MLE)	2.684	Theta star (bias corrected MLE)	2.995
nu hat (MLE)	180.5	nu star (bias corrected)	161.8
MLE Mean (bias corrected)	8.972	MLE Sd (bias corrected)	5.184

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	1.489	nu hat (KM)	89.35
Approximate Chi Square Value (89.35, α)	68.56	Adjusted Chi Square Value (89.35, β)	67.51
95% Gamma Approximate KM-UCL (use when n>=50)	11.69	95% Gamma Adjusted KM-UCL (use when n<50)	11.88

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt (cont.'d)

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detected data is small such as < 0.1
For such situations, GROS method tends to yield inflated values of UCLs and BTVs
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	3.9	Mean	8.88
Maximum	44	Median	7.85
SD	7.1	CV	0.8
k hat (MLE)	3.684	k star (bias corrected MLE)	3.338
Theta hat (MLE)	2.41	Theta star (bias corrected MLE)	2.66
nu hat (MLE)	221	nu star (bias corrected)	200.3
MLE Mean (bias corrected)	8.88	MLE Sd (bias corrected)	4.86
		Adjusted Level of Significance (β)	0.041
Approximate Chi Square Value (200.27, α)	168.5	Adjusted Chi Square Value (200.27, β)	166.9
95% Gamma Approximate UCL (use when n>=50)	10.55	95% Gamma Adjusted UCL (use when n<50)	10.66

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.88	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.923	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.132	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.171	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Approximate Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	8.842	Mean in Log Scale	2.037
SD in Original Scale	7.105	SD in Log Scale	0.47
95% t UCL (assumes normality of ROS data)	11.05	95% Percentile Bootstrap UCL	11.32
95% BCA Bootstrap UCL	12.49	95% Bootstrap t UCL	14.26
95% H-UCL (Log ROS)	10.13		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	2.037	95% H-UCL (KM -Log)	10.29
KM SD (logged)	0.487	95% Critical H Value (KM-Log)	1.941
KM Standard Error of Mean (logged)	0.0955		

DL/2 Statistics

DL/2 Normal		**DL/2 Log-Transformed**	
Mean in Original Scale	19.74	Mean in Log Scale	2.308
SD in Original Scale	34.26	SD in Log Scale	0.952
95% t UCL (Assumes normality)	30.37	95% H-Stat UCL	24.24

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

Suggested UCL to Use

95% KM (Chebyshev) UCL	15.26

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	30	Number of Distinct Observations	29
		Number of Missing Observations	0
Minimum	17	Mean	2403
Maximum	17000	Median	1150
SD	3494	Std. Error of Mean	638
Coefficient of Variation	1.454	Skewness	2.756

Normal GOF Test

Shapiro Wilk Test Statistic	0.684	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.927	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.247	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.162	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	3487	95% Adjusted-CLT UCL (Chen-1995)	3795
		95% Modified-t UCL (Johnson-1978)	3540

Gamma GOF Test

A-D Test Statistic	0.797	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.822	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.149	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.17	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.442	k star (bias corrected MLE)	0.42
Theta hat (MLE)	5436	Theta star (bias corrected MLE)	5720
nu hat (MLE)	26.52	nu star (bias corrected)	25.2
MLE Mean (bias corrected)	2403	MLE Sd (bias corrected)	3707
		Approximate Chi Square Value (0.05)	14.77
Adjusted Level of Significance	0.041	Adjusted Chi Square Value	14.31

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	4101	95% Adjusted Gamma UCL (use when n<50)	4233

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.87	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.927	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.17	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.162	Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal Statistics

Minimum of Logged Data	2.833	Mean of logged Data	6.319
Maximum of Logged Data	9.741	SD of logged Data	2.241

Assuming Lognormal Distribution

95% H-UCL	41292	90% Chebyshev (MVUE) UCL	14335
95% Chebyshev (MVUE) UCL	18402	97.5% Chebyshev (MVUE) UCL	24046
99% Chebyshev (MVUE) UCL	35134		

Nonparametric Distribution Free UCL Statistics
Data do not follow a Discernible Distribution (0.05)

Nonparametric Distribution Free UCLs

95% CLT UCL	3452	95% Jackknife UCL	3487
95% Standard Bootstrap UCL	3429	95% Bootstrap-t UCL	4174
95% Hall's Bootstrap UCL	7669	95% Percentile Bootstrap UCL	3473
95% BCA Bootstrap UCL	3833		
90% Chebyshev(Mean, Sd) UCL	4317	95% Chebyshev(Mean, Sd) UCL	5184
97.5% Chebyshev(Mean, Sd) UCL	6387	99% Chebyshev(Mean, Sd) UCL	8750

Suggested UCL to Use

95% Adjusted Gamma UCL	4233

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese

General Statistics

Total Number of Observations	30	Number of Distinct Observations	26
		Number of Missing Observations	0
Minimum	70	Mean	1125
Maximum	19000	Median	460
SD	3395	Std. Error of Mean	619.9
Coefficient of Variation	3.017	Skewness	5.379

Normal GOF Test

Shapiro Wilk Test Statistic	0.271	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.927	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.436	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.162	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	2179	95% Adjusted-CLT UCL (Chen-1995)	2795
		95% Modified-t UCL (Johnson-1978)	2280

Gamma GOF Test

A-D Test Statistic	2.935	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.798	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.275	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.168	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.63	k star (bias corrected MLE)	0.59
Theta hat (MLE)	1785	Theta star (bias corrected MLE)	1909
nu hat (MLE)	37.82	nu star (bias corrected)	35.37
MLE Mean (bias corrected)	1125	MLE Sd (bias corrected)	1466
		Approximate Chi Square Value (0.05)	22.77
Adjusted Level of Significance	0.041	Adjusted Chi Square Value	22.18

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	1748	95% Adjusted Gamma UCL (use when n<50)	1795

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.915	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.927	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.13	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.162	Data appear Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese (cont.'d)

Lognormal Statistics

Minimum of Logged Data	4.248	Mean of logged Data	6.053
Maximum of Logged Data	9.852	SD of logged Data	1.114

Assuming Lognormal Distribution

95% H-UCL	1360	90% Chebyshev (MVUE) UCL	1315
95% Chebyshev (MVUE) UCL	1564	97.5% Chebyshev (MVUE) UCL	1909
99% Chebyshev (MVUE) UCL	2588		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	2145	95% Jackknife UCL	2179
95% Standard Bootstrap UCL	2101	95% Bootstrap-t UCL	8442
95% Hall's Bootstrap UCL	6591	95% Percentile Bootstrap UCL	2345
95% BCA Bootstrap UCL	3087		
90% Chebyshev(Mean, Sd) UCL	2985	95% Chebyshev(Mean, Sd) UCL	3827
97.5% Chebyshev(Mean, Sd) UCL	4996	99% Chebyshev(Mean, Sd) UCL	7293

Suggested UCL to Use

95% Chebyshev (Mean, Sd) UCL	3827

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	30	Number of Distinct Observations	26
		Number of Missing Observations	0
Minimum	27	Mean	4741
Maximum	28000	Median	2250
SD	6166	Std. Error of Mean	1126
Coefficient of Variation	1.301	Skewness	2.081

Normal GOF Test

Shapiro Wilk Test Statistic	0.752	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.927	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.253	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.162	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	6654	95% Adjusted-CLT UCL (Chen-1995)	7050
		95% Modified-t UCL (Johnson-1978)	6725

Gamma GOF Test

A-D Test Statistic	0.979	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.824	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.166	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.171	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.434	k star (bias corrected MLE)	0.413
Theta hat (MLE)	10912	Theta star (bias corrected MLE)	11472
nu hat (MLE)	26.07	nu star (bias corrected)	24.8
MLE Mean (bias corrected)	4741	MLE Sd (bias corrected)	7375
		Approximate Chi Square Value (0.05)	14.46
Adjusted Level of Significance	0.041	Adjusted Chi Square Value	14

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	8133	95% Adjusted Gamma UCL (use when n<50)	8397

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.85	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.927	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.212	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.162	Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level

TABLE A.2

SUMMARY OF PROUCL OUTPUTS
NORTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:07:24 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal Statistics

Minimum of Logged Data	3.296	Mean of logged Data	6.969
Maximum of Logged Data	10.24	SD of logged Data	2.351

Assuming Lognormal Distribution

95% H-UCL	120305	90% Chebyshev (MVUE) UCL	35135
95% Chebyshev (MVUE) UCL	45297	97.5% Chebyshev (MVUE) UCL	59401
99% Chebyshev (MVUE) UCL	87106		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	6593	95% Jackknife UCL	6654
95% Standard Bootstrap UCL	6609	95% Bootstrap-t UCL	7549
95% Hall's Bootstrap UCL	8056	95% Percentile Bootstrap UCL	6747
95% BCA Bootstrap UCL	7065		
90% Chebyshev(Mean, Sd) UCL	8118	95% Chebyshev(Mean, Sd) UCL	9648
97.5% Chebyshev(Mean, Sd) UCL	11771	99% Chebyshev(Mean, Sd) UCL	15942

Suggested UCL to Use

95% Adjusted Gamma UCL	8397

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.3

SUMMARY OF PROUCL OUTPUTS
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:21:36 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt

General Statistics

Total Number of Observations	29	Number of Distinct Observations	19
Number of Detects	27	Number of Non-Detects	2
Number of Distinct Detects	17	Number of Distinct Non-Detects	2
Minimum Detect	9	Minimum Non-Detect	860
Maximum Detect	49	Maximum Non-Detect	1800
Variance Detects	143.8	Percent Non-Detects	6.897%
Mean Detects	18.72	SD Detects	11.99
Median Detects	14	CV Detects	0.641
Skewness Detects	1.764	Kurtosis Detects	1.942
Mean of Logged Detects	2.786	SD of Logged Detects	0.508

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.708	**Shapiro Wilk GOF Test**	
5% Shapiro Wilk Critical Value	0.923	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.272	**Lilliefors GOF Test**	
5% Lilliefors Critical Value	0.171	Detected Data Not Normal at 5% Significance Level	

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	18.72	Standard Error of Mean	2.308
SD	11.77	95% KM (BCA) UCL	22.59
95% KM (t) UCL	22.65	95% KM (Percentile Bootstrap) UCL	22.72
95% KM (z) UCL	22.52	95% KM Bootstrap t UCL	24.33
90% KM Chebyshev UCL	25.65	95% KM Chebyshev UCL	28.78
97.5% KM Chebyshev UCL	33.14	99% KM Chebyshev UCL	41.69

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.865	**Anderson-Darling GOF Test**	
5% A-D Critical Value	0.75	Detected Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.197	**Kolmogrov-Smirnoff GOF**	
5% K-S Critical Value	0.169	Detected Data Not Gamma Distributed at 5% Significance Level	

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	3.634	k star (bias corrected MLE)	3.255
Theta hat (MLE)	5.152	Theta star (bias corrected MLE)	5.752
nu hat (MLE)	196.2	nu star (bias corrected)	175.8
MLE Mean (bias corrected)	18.72	MLE Sd (bias corrected)	10.38

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	2.531	nu hat (KM)	146.8
Approximate Chi Square Value (146.78, α)	119.8	Adjusted Chi Square Value (146.78, β)	118.3
95% Gamma Approximate KM-UCL (use when n>=50)	22.94	95% Gamma Adjusted KM-UCL (use when n<50)	23.22

TABLE A.3

SUMMARY OF PROUCL OUTPUTS
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:21:36 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt (cont.'d)

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detected data is small such as < 0.1
For such situations, GROS method tends to yield inflated values of UCLs and BTVs
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	9	Mean	18.61
Maximum	49	Median	16
SD	11.56	CV	0.622
k hat (MLE)	3.884	k star (bias corrected MLE)	3.505
Theta hat (MLE)	4.79	Theta star (bias corrected MLE)	5.308
nu hat (MLE)	225.3	nu star (bias corrected)	203.3
MLE Mean (bias corrected)	18.61	MLE Sd (bias corrected)	9.938
		Adjusted Level of Significance (β)	0.0407
Approximate Chi Square Value (203.30, α)	171.3	Adjusted Chi Square Value (203.30, β)	169.6
95% Gamma Approximate UCL (use when n>=50)	22.08	95% Gamma Adjusted UCL (use when n<50)	22.31

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.86	**Shapiro Wilk GOF Test**	
5% Shapiro Wilk Critical Value	0.923	Detected Data Not Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.155	**Lilliefors GOF Test**	
5% Lilliefors Critical Value	0.171	Detected Data appear Lognormal at 5% Significance Level	

Detected Data appear Approximate Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	18.55	Mean in Log Scale	2.786
SD in Original Scale	11.57	SD in Log Scale	0.489
95% t UCL (assumes normality of ROS data)	22.21	95% Percentile Bootstrap UCL	22.15
95% BCA Bootstrap UCL	22.8	95% Bootstrap t UCL	23.74
95% H-UCL (Log ROS)	21.86		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	2.786	95% H-UCL (KM -Log)	22.05
KM SD (logged)	0.498	95% Critical H Value (KM-Log)	1.945
KM Standard Error of Mean (logged)	0.0977		

DL/2 Statistics

DL/2 Normal		**DL/2 Log-Transformed**	
Mean in Original Scale	63.29	Mean in Log Scale	3.037
SD in Original Scale	178.5	SD in Log Scale	1.065
95% t UCL (Assumes normality)	119.7	95% H-Stat UCL	61.38

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

Suggested UCL to Use

95% KM (Chebyshev) UCL	28.78

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TABLE A.3

SUMMARY OF PROUCL OUTPUTS
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:21:36 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	29	Number of Distinct Observations	27
		Number of Missing Observations	0
Minimum	12	Mean	2987
Maximum	19000	Median	220
SD	5324	Std. Error of Mean	988.6
Coefficient of Variation	1.782	Skewness	1.876

Normal GOF Test

Shapiro Wilk Test Statistic	0.619	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.926	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.34	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.165	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	4669	95% Adjusted-CLT UCL (Chen-1995)	4981
		95% Modified-t UCL (Johnson-1978)	4726

Gamma GOF Test

A-D Test Statistic	1.86	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.848	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.258	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.176	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.336	k star (bias corrected MLE)	0.324
Theta hat (MLE)	8898	Theta star (bias corrected MLE)	9220
nu hat (MLE)	19.47	nu star (bias corrected)	18.79
MLE Mean (bias corrected)	2987	MLE Sd (bias corrected)	5248
		Approximate Chi Square Value (0.05)	9.966
Adjusted Level of Significance	0.0407	Adjusted Chi Square Value	9.582

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	5633	95% Adjusted Gamma UCL (use when n<50)	5859

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.919	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.926	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.145	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.165	Data appear Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level

TABLE A.3

SUMMARY OF PROUCL OUTPUTS
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:21:36 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal Statistics

Minimum of Logged Data	2.485	Mean of logged Data	5.986
Maximum of Logged Data	9.852	SD of logged Data	2.226

Assuming Lognormal Distribution

95% H-UCL	28546	90% Chebyshev (MVUE) UCL	9925
95% Chebyshev (MVUE) UCL	12742	97.5% Chebyshev (MVUE) UCL	16653
99% Chebyshev (MVUE) UCL	24335		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	4613	95% Jackknife UCL	4669
95% Standard Bootstrap UCL	4583	95% Bootstrap-t UCL	5347
95% Hall's Bootstrap UCL	4653	95% Percentile Bootstrap UCL	4666
95% BCA Bootstrap UCL	5003		
90% Chebyshev(Mean, Sd) UCL	5953	95% Chebyshev(Mean, Sd) UCL	7296
97.5% Chebyshev(Mean, Sd) UCL	9161	99% Chebyshev(Mean, Sd) UCL	12824

Suggested UCL to Use

97.5% Chebyshev (Mean, Sd) UCL	9161

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.3

SUMMARY OF PROUCL OUTPUTS
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:21:36 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	29	Number of Distinct Observations	27
		Number of Missing Observations	0
Minimum	20	Mean	5436
Maximum	34000	Median	410
SD	9582	Std. Error of Mean	1779
Coefficient of Variation	1.763	Skewness	1.852

Normal GOF Test

Shapiro Wilk Test Statistic	0.624	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.926	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.336	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.165	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	8463	95% Adjusted-CLT UCL (Chen-1995)	9017
		95% Modified-t UCL (Johnson-1978)	8565

Gamma GOF Test

A-D Test Statistic	1.721	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.847	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.236	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.176	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.343	k star (bias corrected MLE)	0.331
Theta hat (MLE)	15848	Theta star (bias corrected MLE)	16447
nu hat (MLE)	19.9	nu star (bias corrected)	19.17
MLE Mean (bias corrected)	5436	MLE Sd (bias corrected)	9456
		Approximate Chi Square Value (0.05)	10.24
Adjusted Level of Significance	0.0407	Adjusted Chi Square Value	9.852

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	10175	95% Adjusted Gamma UCL (use when n<50)	10578

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.933	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.926	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.127	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.165	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

TABLE A.3

SUMMARY OF PROUCL OUTPUTS
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:21:36 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal Statistics

Minimum of Logged Data	2.996	Mean of logged Data	6.634
Maximum of Logged Data	10.43	SD of logged Data	2.213

Assuming Lognormal Distribution

95% H-UCL	52003	90% Chebyshev (MVUE) UCL	18442
95% Chebyshev (MVUE) UCL	23665	97.5% Chebyshev (MVUE) UCL	30914
99% Chebyshev (MVUE) UCL	45153		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	8363	95% Jackknife UCL	8463
95% Standard Bootstrap UCL	8304	95% Bootstrap-t UCL	9688
95% Hall's Bootstrap UCL	8568	95% Percentile Bootstrap UCL	8580
95% BCA Bootstrap UCL	9047		
90% Chebyshev(Mean, Sd) UCL	10774	95% Chebyshev(Mean, Sd) UCL	13192
97.5% Chebyshev(Mean, Sd) UCL	16548	99% Chebyshev(Mean, Sd) UCL	23141

Suggested UCL to Use

97.5% Chebyshev (Mean, Sd) UCL	16548

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.4

SUMMARY OF PROUCL OUTPUTS
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:24:35 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	16	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	35	Mean	2226
Maximum	6700	Median	620
SD	2605	Std. Error of Mean	651.2
Coefficient of Variation	1.17	Skewness	0.716

Normal GOF Test

Shapiro Wilk Test Statistic	0.762	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.887	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.342	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.222	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	3367	95% Adjusted-CLT UCL (Chen-1995)	3421
		95% Modified-t UCL (Johnson-1978)	3387

Gamma GOF Test

A-D Test Statistic	0.832	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.795	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.2	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.227	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.518	k star (bias corrected MLE)	0.463
Theta hat (MLE)	4295	Theta star (bias corrected MLE)	4810
nu hat (MLE)	16.58	nu star (bias corrected)	14.81
MLE Mean (bias corrected)	2226	MLE Sd (bias corrected)	3272
		Approximate Chi Square Value (0.05)	7.127
Adjusted Level of Significance	0.0335	Adjusted Chi Square Value	6.529

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	4624	95% Adjusted Gamma UCL (use when n<50)	5048

TABLE A.4

SUMMARY OF PROUCL OUTPUTS
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:24:35 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.883	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.887	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.196	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.222	Data appear Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	3.555	Mean of logged Data	6.489
Maximum of Logged Data	8.81	SD of logged Data	1.938

Assuming Lognormal Distribution

95% H-UCL	37958	90% Chebyshev (MVUE) UCL	8907
95% Chebyshev (MVUE) UCL	11447	97.5% Chebyshev (MVUE) UCL	14973
99% Chebyshev (MVUE) UCL	21899		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	3297	95% Jackknife UCL	3367
95% Standard Bootstrap UCL	3251	95% Bootstrap-t UCL	3487
95% Hall's Bootstrap UCL	3193	95% Percentile Bootstrap UCL	3261
95% BCA Bootstrap UCL	3331		
90% Chebyshev(Mean, Sd) UCL	4179	95% Chebyshev(Mean, Sd) UCL	5064
97.5% Chebyshev(Mean, Sd) UCL	6292	99% Chebyshev(Mean, Sd) UCL	8705

Suggested UCL to Use

95% Adjusted Gamma UCL	5048

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.4

SUMMARY OF PROUCL OUTPUTS
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:24:35 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese

General Statistics

Total Number of Observations	16	Number of Distinct Observations	16
		Number of Missing Observations	0
Minimum	110	Mean	1309
Maximum	11000	Median	790
SD	2611	Std. Error of Mean	652.7
Coefficient of Variation	1.995	Skewness	3.862

Normal GOF Test

Shapiro Wilk Test Statistic	0.402	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.887	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.439	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.222	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	2453	95% Adjusted-CLT UCL (Chen-1995)	3056
		95% Modified-t UCL (Johnson-1978)	2558

Gamma GOF Test

A-D Test Statistic	1.494	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.771	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.295	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.223	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.825	k star (bias corrected MLE)	0.712
Theta hat (MLE)	1586	Theta star (bias corrected MLE)	1837
nu hat (MLE)	26.41	nu star (bias corrected)	22.79
MLE Mean (bias corrected)	1309	MLE Sd (bias corrected)	1551
		Approximate Chi Square Value (0.05)	12.93
Adjusted Level of Significance	0.0335	Adjusted Chi Square Value	12.09

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	2306	95% Adjusted Gamma UCL (use when n<50)	2466

TABLE A.4

SUMMARY OF PROUCL OUTPUTS
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:24:35 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.905	**Shapiro Wilk Lognormal GOF Test**	
5% Shapiro Wilk Critical Value	0.887	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.19	**Lilliefors Lognormal GOF Test**	
5% Lilliefors Critical Value	0.222	Data appear Lognormal at 5% Significance Level	

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	4.7	Mean of logged Data	6.461
Maximum of Logged Data	9.306	SD of logged Data	1.062

Assuming Lognormal Distribution

95% H-UCL	2425	90% Chebyshev (MVUE) UCL	2012
95% Chebyshev (MVUE) UCL	2440	97.5% Chebyshev (MVUE) UCL	3033
99% Chebyshev (MVUE) UCL	4197		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	2382	95% Jackknife UCL	2453
95% Standard Bootstrap UCL	2338	95% Bootstrap-t UCL	6848
95% Hall's Bootstrap UCL	7356	95% Percentile Bootstrap UCL	2574
95% BCA Bootstrap UCL	3314		
90% Chebyshev(Mean, Sd) UCL	3267	95% Chebyshev(Mean, Sd) UCL	4154
97.5% Chebyshev(Mean, Sd) UCL	5385	99% Chebyshev(Mean, Sd) UCL	7803

Suggested UCL to Use

95% Chebyshev (Mean, Sd) UCL	4154

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.4

SUMMARY OF PROUCL OUTPUTS
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:24:35 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	16	Number of Distinct Observations	15
		Number of Missing Observations	0
Minimum	23	Mean	694.5
Maximum	2300	Median	260
SD	853.1	Std. Error of Mean	213.3
Coefficient of Variation	1.228	Skewness	1.059

Normal GOF Test

Shapiro Wilk Test Statistic	0.743	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.887	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.327	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.222	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	1068	95% Adjusted-CLT UCL (Chen-1995)	1106
		95% Modified-t UCL (Johnson-1978)	1078

Gamma GOF Test

A-D Test Statistic	0.744	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.788	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.17	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.226	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.594	k star (bias corrected MLE)	0.524
Theta hat (MLE)	1170	Theta star (bias corrected MLE)	1325
nu hat (MLE)	19	nu star (bias corrected)	16.77
MLE Mean (bias corrected)	694.5	MLE Sd (bias corrected)	959.3
		Approximate Chi Square Value (0.05)	8.51
Adjusted Level of Significance	0.0335	Adjusted Chi Square Value	7.847

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	1369	95% Adjusted Gamma UCL (use when n<50)	1484

TABLE A.4

SUMMARY OF PROUCL OUTPUTS
SOUTHERN TRENCH AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:24:35 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.887	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.887	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.166	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.222	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	3.135	Mean of logged Data	5.501
Maximum of Logged Data	7.741	SD of logged Data	1.7

Assuming Lognormal Distribution

95% H-UCL	5775	90% Chebyshev (MVUE) UCL	2154
95% Chebyshev (MVUE) UCL	2737	97.5% Chebyshev (MVUE) UCL	3546
99% Chebyshev (MVUE) UCL	5136		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	1045	95% Jackknife UCL	1068
95% Standard Bootstrap UCL	1044	95% Bootstrap-t UCL	1153
95% Hall's Bootstrap UCL	996.1	95% Percentile Bootstrap UCL	1038
95% BCA Bootstrap UCL	1055		
90% Chebyshev(Mean, Sd) UCL	1334	95% Chebyshev(Mean, Sd) UCL	1624
97.5% Chebyshev(Mean, Sd) UCL	2026	99% Chebyshev(Mean, Sd) UCL	2817

Suggested UCL to Use

95% Adjusted Gamma UCL	1484

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.5

SUMMARY OF PROUCL OUTPUTS
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:18:27 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	15	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	1.7	Mean	11072
Maximum	28000	Median	6700
SD	11895	Std. Error of Mean	3071
Coefficient of Variation	1.074	Skewness	0.366

Normal GOF Test

Shapiro Wilk Test Statistic	0.787	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.268	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.229	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	16482	95% Adjusted-CLT UCL (Chen-1995)	16435
		95% Modified-t UCL (Johnson-1978)	16530

Gamma GOF Test

A-D Test Statistic	1.021	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.837	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.235	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.24	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.297	k star (bias corrected MLE)	0.282
Theta hat (MLE)	37306	Theta star (bias corrected MLE)	39280
nu hat (MLE)	8.904	nu star (bias corrected)	8.457
MLE Mean (bias corrected)	11072	MLE Sd (bias corrected)	20855
		Approximate Chi Square Value (0.05)	3.002
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	2.616

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	31189	95% Adjusted Gamma UCL (use when n<50)	35796

TABLE A.5

SUMMARY OF PROUCL OUTPUTS
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:18:27 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.844	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.234	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.229	Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	0.531	Mean of logged Data	6.985
Maximum of Logged Data	10.24	SD of logged Data	3.471

Assuming Lognormal Distribution

95% H-UCL	4.755E+8	90% Chebyshev (MVUE) UCL	345726
95% Chebyshev (MVUE) UCL	459540	97.5% Chebyshev (MVUE) UCL	617508
99% Chebyshev (MVUE) UCL	927806		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	16124	95% Jackknife UCL	16482
95% Standard Bootstrap UCL	16036	95% Bootstrap-t UCL	16783
95% Hall's Bootstrap UCL	15723	95% Percentile Bootstrap UCL	15712
95% BCA Bootstrap UCL	16408		
90% Chebyshev(Mean, Sd) UCL	20286	95% Chebyshev(Mean, Sd) UCL	24460
97.5% Chebyshev(Mean, Sd) UCL	30253	99% Chebyshev(Mean, Sd) UCL	41632

Suggested UCL to Use

95% Adjusted Gamma UCL	35796

Recommended UCL exceeds the maximum observation

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.5

SUMMARY OF PROUCL OUTPUTS
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:18:27 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese

General Statistics

Total Number of Observations	15	Number of Distinct Observations	15
		Number of Missing Observations	0
Minimum	100	Mean	863
Maximum	2500	Median	590
SD	767.6	Std. Error of Mean	198.2
Coefficient of Variation	0.889	Skewness	1.335

Normal GOF Test

Shapiro Wilk Test Statistic	0.814	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.256	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.229	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	1212	95% Adjusted-CLT UCL (Chen-1995)	1262
		95% Modified-t UCL (Johnson-1978)	1223

Gamma GOF Test

A-D Test Statistic	0.351	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.754	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.161	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.225	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.51	k star (bias corrected MLE)	1.252
Theta hat (MLE)	571.6	Theta star (bias corrected MLE)	689.2
nu hat (MLE)	45.29	nu star (bias corrected)	37.57
MLE Mean (bias corrected)	863	MLE Sd (bias corrected)	771.2
		Approximate Chi Square Value (0.05)	24.53
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	23.24

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	1321	95% Adjusted Gamma UCL (use when n<50)	1395

TABLE A.5

SUMMARY OF PROUCL OUTPUTS
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:18:27 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.971	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.121	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.229	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	4.605	Mean of logged Data	6.394
Maximum of Logged Data	7.824	SD of logged Data	0.919

Assuming Lognormal Distribution

95% H-UCL	1736	90% Chebyshev (MVUE) UCL	1556
95% Chebyshev (MVUE) UCL	1863	97.5% Chebyshev (MVUE) UCL	2289
99% Chebyshev (MVUE) UCL	3125		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	1189	95% Jackknife UCL	1212
95% Standard Bootstrap UCL	1176	95% Bootstrap-t UCL	1355
95% Hall's Bootstrap UCL	1332	95% Percentile Bootstrap UCL	1193
95% BCA Bootstrap UCL	1236		
90% Chebyshev(Mean, Sd) UCL	1458	95% Chebyshev(Mean, Sd) UCL	1727
97.5% Chebyshev(Mean, Sd) UCL	2101	99% Chebyshev(Mean, Sd) UCL	2835

Suggested UCL to Use

95% Adjusted Gamma UCL	1395

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.5

SUMMARY OF PROUCL OUTPUTS
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:18:27 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	15	Number of Distinct Observations	14
		Number of Missing Observations	0
Minimum	0.78	Mean	1832
Maximum	5600	Median	1300
SD	1953	Std. Error of Mean	504.2
Coefficient of Variation	1.066	Skewness	0.541

Normal GOF Test

Shapiro Wilk Test Statistic	0.843	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.249	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.229	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	2720	95% Adjusted-CLT UCL (Chen-1995)	2736
		95% Modified-t UCL (Johnson-1978)	2732

Gamma GOF Test

A-D Test Statistic	0.839	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.82	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.205	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.238	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.372	k star (bias corrected MLE)	0.342
Theta hat (MLE)	4922	Theta star (bias corrected MLE)	5353
nu hat (MLE)	11.17	nu star (bias corrected)	10.27
MLE Mean (bias corrected)	1832	MLE Sd (bias corrected)	3131
		Approximate Chi Square Value (0.05)	4.109
Adjusted Level of Significance	0.0324	Adjusted Chi Square Value	3.641

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	4577	95% Adjusted Gamma UCL (use when n<50)	5164

TABLE A.5

SUMMARY OF PROUCL OUTPUTS
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:18:27 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.861	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.881	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.227	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.229	Data appear Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	-0.248	Mean of logged Data	5.724
Maximum of Logged Data	8.631	SD of logged Data	2.861

Assuming Lognormal Distribution

95% H-UCL	2237930	90% Chebyshev (MVUE) UCL	25773
95% Chebyshev (MVUE) UCL	34002	97.5% Chebyshev (MVUE) UCL	45424
99% Chebyshev (MVUE) UCL	67860		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	2661	95% Jackknife UCL	2720
95% Standard Bootstrap UCL	2614	95% Bootstrap-t UCL	2765
95% Hall's Bootstrap UCL	2666	95% Percentile Bootstrap UCL	2722
95% BCA Bootstrap UCL	2644		
90% Chebyshev(Mean, Sd) UCL	3344	95% Chebyshev(Mean, Sd) UCL	4030
97.5% Chebyshev(Mean, Sd) UCL	4981	99% Chebyshev(Mean, Sd) UCL	6849

Suggested UCL to Use

95% Adjusted Gamma UCL	5164

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt

General Statistics

Total Number of Observations	34	Number of Distinct Observations	26
Number of Detects	33	Number of Non-Detects	1
Number of Distinct Detects	25	Number of Distinct Non-Detects	1
Minimum Detect	5.5	Minimum Non-Detect	1200
Maximum Detect	37	Maximum Non-Detect	1200
Variance Detects	56.54	Percent Non-Detects	2.941%
Mean Detects	12.69	SD Detects	7.519
Median Detects	9.8	CV Detects	0.592
Skewness Detects	1.851	Kurtosis Detects	3.35
Mean of Logged Detects	2.412	SD of Logged Detects	0.485

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.781	**Shapiro Wilk GOF Test**	
5% Shapiro Wilk Critical Value	0.931	Detected Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.195	**Lilliefors GOF Test**	
5% Lilliefors Critical Value	0.154	Detected Data Not Normal at 5% Significance Level	

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	12.69	Standard Error of Mean	1.309
SD	7.404	95% KM (BCA) UCL	14.99
95% KM (t) UCL	14.91	95% KM (Percentile Bootstrap) UCL	14.92
95% KM (z) UCL	14.84	95% KM Bootstrap t UCL	15.68
90% KM Chebyshev UCL	16.62	95% KM Chebyshev UCL	18.4
97.5% KM Chebyshev UCL	20.87	99% KM Chebyshev UCL	25.71

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	1.343	**Anderson-Darling GOF Test**	
5% A-D Critical Value	0.751	Detected Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.16	**Kolmogrov-Smirnoff GOF**	
5% K-S Critical Value	0.154	Detected Data Not Gamma Distributed at 5% Significance Level	

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	4.053	k star (bias corrected MLE)	3.705
Theta hat (MLE)	3.131	Theta star (bias corrected MLE)	3.425
nu hat (MLE)	267.5	nu star (bias corrected)	244.5
MLE Mean (bias corrected)	12.69	MLE Sd (bias corrected)	6.593

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	2.938	nu hat (KM)	199.8
Approximate Chi Square Value (199.77, α)	168.1	Adjusted Chi Square Value (199.77, β)	166.6
95% Gamma Approximate KM-UCL (use when n>=50)	15.08	95% Gamma Adjusted KM-UCL (use when n<50)	15.21

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt (cont.'d)

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detected data is small such as < 0.1
For such situations, GROS method tends to yield inflated values of UCLs and BTVs
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	5.5	Mean	12.66
Maximum	37	Median	9.9
SD	7.406	CV	0.585
k hat (MLE)	4.168	k star (bias corrected MLE)	3.82
Theta hat (MLE)	3.037	Theta star (bias corrected MLE)	3.314
nu hat (MLE)	283.4	nu star (bias corrected)	259.8
MLE Mean (bias corrected)	12.66	MLE Sd (bias corrected)	6.477
		Adjusted Level of Significance (β)	0.0422
Approximate Chi Square Value (259.77, α)	223.4	Adjusted Chi Square Value (259.77, β)	221.8
95% Gamma Approximate UCL (use when n>=50)	14.72	95% Gamma Adjusted UCL (use when n<50)	14.83

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.919	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.931	Detected Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.142	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.154	Detected Data appear Lognormal at 5% Significance Level

Detected Data appear Approximate Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	12.65	Mean in Log Scale	2.412
SD in Original Scale	7.409	SD in Log Scale	0.478
95% t UCL (assumes normality of ROS data)	14.8	95% Percentile Bootstrap UCL	14.81
95% BCA Bootstrap UCL	15.21	95% Bootstrap t UCL	15.78
95% H-UCL (Log ROS)	14.68		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	2.412	95% H-UCL (KM -Log)	14.68
KM SD (logged)	0.478	95% Critical H Value (KM-Log)	1.922
KM Standard Error of Mean (logged)	0.0845		

DL/2 Statistics

DL/2 Normal		**DL/2 Log-Transformed**	
Mean in Original Scale	29.96	Mean in Log Scale	2.53
SD in Original Scale	101	SD in Log Scale	0.834
95% t UCL (Assumes normality)	59.28	95% H-Stat UCL	24.66

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

Suggested UCL to Use

95% KM (Chebyshev) UCL	18.4

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	34	Number of Distinct Observations	33
		Number of Missing Observations	0
Minimum	17	Mean	10239
Maximum	52000	Median	1300
SD	15445	Std. Error of Mean	2649
Coefficient of Variation	1.508	Skewness	1.567

Normal GOF Test

Shapiro Wilk Test Statistic	0.703	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.933	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.289	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.152	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	14721	95% Adjusted-CLT UCL (Chen-1995)	15356
		95% Modified-t UCL (Johnson-1978)	14840

Gamma GOF Test

A-D Test Statistic	1.097	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.841	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.161	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.162	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.365	k star (bias corrected MLE)	0.353
Theta hat (MLE)	28025	Theta star (bias corrected MLE)	29028
nu hat (MLE)	24.84	nu star (bias corrected)	23.98
MLE Mean (bias corrected)	10239	MLE Sd (bias corrected)	17240
		Approximate Chi Square Value (0.05)	13.84
Adjusted Level of Significance	0.0422	Adjusted Chi Square Value	13.46

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	17747	95% Adjusted Gamma UCL (use when n<50)	18251

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.941	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.933	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.121	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.152	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal Statistics

Minimum of Logged Data	2.833	Mean of logged Data	7.406
Maximum of Logged Data	10.86	SD of logged Data	2.342

Assuming Lognormal Distribution

95% H-UCL	154040	90% Chebyshev (MVUE) UCL	53612
95% Chebyshev (MVUE) UCL	68905	97.5% Chebyshev (MVUE) UCL	90130
99% Chebyshev (MVUE) UCL	131824		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	14595	95% Jackknife UCL	14721
95% Standard Bootstrap UCL	14469	95% Bootstrap-t UCL	16200
95% Hall's Bootstrap UCL	14928	95% Percentile Bootstrap UCL	14806
95% BCA Bootstrap UCL	15154		
90% Chebyshev(Mean, Sd) UCL	18185	95% Chebyshev(Mean, Sd) UCL	21784
97.5% Chebyshev(Mean, Sd) UCL	26780	99% Chebyshev(Mean, Sd) UCL	36593

Suggested UCL to Use

95% Adjusted Gamma UCL 18251

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	34	Number of Distinct Observations	32
		Number of Missing Observations	0
Minimum	24	Mean	2897
Maximum	25000	Median	540
SD	5757	Std. Error of Mean	987.4
Coefficient of Variation	1.987	Skewness	3.163

Normal GOF Test

Shapiro Wilk Test Statistic	0.531	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.933	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.309	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.152	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	4568	95% Adjusted-CLT UCL (Chen-1995)	5094
		95% Modified-t UCL (Johnson-1978)	4658

Gamma GOF Test

A-D Test Statistic	1.199	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.829	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.156	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.161	Detected data appear Gamma Distributed at 5% Significance Level

Detected data follow Appr. Gamma Distribution at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.424	k star (bias corrected MLE)	0.406
Theta hat (MLE)	6837	Theta star (bias corrected MLE)	7136
nu hat (MLE)	28.82	nu star (bias corrected)	27.61
MLE Mean (bias corrected)	2897	MLE Sd (bias corrected)	4547
		Approximate Chi Square Value (0.05)	16.62
Adjusted Level of Significance	0.0422	Adjusted Chi Square Value	16.2

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	4812	95% Adjusted Gamma UCL (use when n<50)	4937

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.953	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.933	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.127	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.152	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal Statistics

Minimum of Logged Data	3.178	Mean of logged Data	6.433
Maximum of Logged Data	10.13	SD of logged Data	1.905

Assuming Lognormal Distribution

95% H-UCL	13103	90% Chebyshev (MVUE) UCL	7796
95% Chebyshev (MVUE) UCL	9814	97.5% Chebyshev (MVUE) UCL	12614
99% Chebyshev (MVUE) UCL	18114		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	4521	95% Jackknife UCL	4568
95% Standard Bootstrap UCL	4488	95% Bootstrap-t UCL	6801
95% Hall's Bootstrap UCL	12443	95% Percentile Bootstrap UCL	4616
95% BCA Bootstrap UCL	5173		
90% Chebyshev(Mean, Sd) UCL	5859	95% Chebyshev(Mean, Sd) UCL	7201
97.5% Chebyshev(Mean, Sd) UCL	9063	99% Chebyshev(Mean, Sd) UCL	12721

Suggested UCL to Use

95% Adjusted Gamma UCL	4937

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Zinc

General Statistics

Total Number of Observations	34	Number of Distinct Observations	33
		Number of Missing Observations	0
Minimum	50	Mean	16821
Maximum	76000	Median	4250
SD	21784	Std. Error of Mean	3736
Coefficient of Variation	1.295	Skewness	1.199

Normal GOF Test

Shapiro Wilk Test Statistic	0.769	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.933	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.295	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.152	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	23143	95% Adjusted-CLT UCL (Chen-1995)	23786
		95% Modified-t UCL (Johnson-1978)	23271

Gamma GOF Test

A-D Test Statistic	1.233	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.828	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.165	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.161	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.424	k star (bias corrected MLE)	0.407
Theta hat (MLE)	39630	Theta star (bias corrected MLE)	41369
nu hat (MLE)	28.86	nu star (bias corrected)	27.65
MLE Mean (bias corrected)	16821	MLE Sd (bias corrected)	26379
		Approximate Chi Square Value (0.05)	16.65
Adjusted Level of Significance	0.0422	Adjusted Chi Square Value	16.23

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	27924	95% Adjusted Gamma UCL (use when n<50)	28651

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.918	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.933	Data Not Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.183	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.152	Data Not Lognormal at 5% Significance Level

Data Not Lognormal at 5% Significance Level

TABLE A.6

SUMMARY OF PROUCL OUTPUTS
NORTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:10:55 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Zinc (cont.'d)

Lognormal Statistics

Minimum of Logged Data	3.912	Mean of logged Data	8.195
Maximum of Logged Data	11.24	SD of logged Data	2.184

Assuming Lognormal Distribution

95% H-UCL	190978	90% Chebyshev (MVUE) UCL	82537
95% Chebyshev (MVUE) UCL	105377	97.5% Chebyshev (MVUE) UCL	137078
99% Chebyshev (MVUE) UCL	199348		

Nonparametric Distribution Free UCL Statistics
Data do not follow a Discernible Distribution (0.05)

Nonparametric Distribution Free UCLs

95% CLT UCL	22966	95% Jackknife UCL	23143
95% Standard Bootstrap UCL	22778	95% Bootstrap-t UCL	24076
95% Hall's Bootstrap UCL	23673	95% Percentile Bootstrap UCL	23094
95% BCA Bootstrap UCL	24225		
90% Chebyshev(Mean, Sd) UCL	28028	95% Chebyshev(Mean, Sd) UCL	33105
97.5% Chebyshev(Mean, Sd) UCL	40151	99% Chebyshev(Mean, Sd) UCL	53992

Suggested UCL to Use

97.5% Chebyshev (Mean, Sd) UCL	40151

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	27	Number of Distinct Observations	25
		Number of Missing Observations	0
Minimum	1.5	Mean	4324
Maximum	69000	Median	200
SD	13631	Std. Error of Mean	2623
Coefficient of Variation	3.152	Skewness	4.465

Normal GOF Test

Shapiro Wilk Test Statistic	0.359	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.923	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.405	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.171	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	8798	95% Adjusted-CLT UCL (Chen-1995)	11047
		95% Modified-t UCL (Johnson-1978)	9174

Gamma GOF Test

A-D Test Statistic	2.9	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.88	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.333	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.185	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.245	k star (bias corrected MLE)	0.242
Theta hat (MLE)	17655	Theta star (bias corrected MLE)	17839
nu hat (MLE)	13.23	nu star (bias corrected)	13.09
MLE Mean (bias corrected)	4324	MLE Sd (bias corrected)	8783
		Approximate Chi Square Value (0.05)	5.953
Adjusted Level of Significance	0.0401	Adjusted Chi Square Value	5.647

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	9508	95% Adjusted Gamma UCL (use when n<50)	10024

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.944	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.923	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.196	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.171	Data Not Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	0.405	Mean of logged Data	5.462
Maximum of Logged Data	11.14	SD of logged Data	2.425

Assuming Lognormal Distribution

95% H-UCL	42766	90% Chebyshev (MVUE) UCL	9115
95% Chebyshev (MVUE) UCL	11806	97.5% Chebyshev (MVUE) UCL	15542
99% Chebyshev (MVUE) UCL	22881		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	8639	95% Jackknife UCL	8798
95% Standard Bootstrap UCL	8523	95% Bootstrap-t UCL	22245
95% Hall's Bootstrap UCL	22149	95% Percentile Bootstrap UCL	9147
95% BCA Bootstrap UCL	12623		
90% Chebyshev(Mean, Sd) UCL	12194	95% Chebyshev(Mean, Sd) UCL	15758
97.5% Chebyshev(Mean, Sd) UCL	20706	99% Chebyshev(Mean, Sd) UCL	30425

Suggested UCL to Use

97.5% Chebyshev (Mean, Sd) UCL	20706

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese

General Statistics

Total Number of Observations	27	Number of Distinct Observations	25
		Number of Missing Observations	0
Minimum	160	Mean	888.3
Maximum	3200	Median	620
SD	721.7	Std. Error of Mean	138.9
Coefficient of Variation	0.812	Skewness	1.686

Normal GOF Test

Shapiro Wilk Test Statistic	0.833	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.923	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.179	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.171	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	1125	95% Adjusted-CLT UCL (Chen-1995)	1165
		95% Modified-t UCL (Johnson-1978)	1133

Gamma GOF Test

A-D Test Statistic	0.301	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.758	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.105	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.171	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.883	k star (bias corrected MLE)	1.698
Theta hat (MLE)	471.8	Theta star (bias corrected MLE)	523.1
nu hat (MLE)	101.7	nu star (bias corrected)	91.71
MLE Mean (bias corrected)	888.3	MLE Sd (bias corrected)	681.6
		Approximate Chi Square Value (0.05)	70.63
Adjusted Level of Significance	0.0401	Adjusted Chi Square Value	69.45

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	1154	95% Adjusted Gamma UCL (use when n<50)	1173

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.976	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.923	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.0772	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.171	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	5.075	Mean of logged Data	6.501
Maximum of Logged Data	8.071	SD of logged Data	0.787

Assuming Lognormal Distribution

95% H-UCL	1286	90% Chebyshev (MVUE) UCL	1340
95% Chebyshev (MVUE) UCL	1542	97.5% Chebyshev (MVUE) UCL	1822
99% Chebyshev (MVUE) UCL	2372		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	1117	95% Jackknife UCL	1125
95% Standard Bootstrap UCL	1104	95% Bootstrap-t UCL	1193
95% Hall's Bootstrap UCL	1217	95% Percentile Bootstrap UCL	1119
95% BCA Bootstrap UCL	1157		
90% Chebyshev(Mean, Sd) UCL	1305	95% Chebyshev(Mean, Sd) UCL	1494
97.5% Chebyshev(Mean, Sd) UCL	1756	99% Chebyshev(Mean, Sd) UCL	2270

Suggested UCL to Use

95% Adjusted Gamma UCL	1173

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	27	Number of Distinct Observations	26
		Number of Missing Observations	0
Minimum	0.75	Mean	1567
Maximum	11000	Median	140
SD	3169	Std. Error of Mean	609.9
Coefficient of Variation	2.022	Skewness	2.142

Normal GOF Test

Shapiro Wilk Test Statistic	0.548	**Shapiro Wilk GOF Test**	
5% Shapiro Wilk Critical Value	0.923	Data Not Normal at 5% Significance Level	
Lilliefors Test Statistic	0.417	**Lilliefors GOF Test**	
5% Lilliefors Critical Value	0.171	Data Not Normal at 5% Significance Level	

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	2608	95% Adjusted-CLT UCL (Chen-1995)	2839
		95% Modified-t UCL (Johnson-1978)	2649

Gamma GOF Test

A-D Test Statistic	1.897	**Anderson-Darling Gamma GOF Test**	
5% A-D Critical Value	0.851	Data Not Gamma Distributed at 5% Significance Level	
K-S Test Statistic	0.265	**Kolmogrov-Smirnoff Gamma GOF Test**	
5% K-S Critical Value	0.182	Data Not Gamma Distributed at 5% Significance Level	

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.31	k star (bias corrected MLE)	0.3
Theta hat (MLE)	5057	Theta star (bias corrected MLE)	5221
nu hat (MLE)	16.74	nu star (bias corrected)	16.21
MLE Mean (bias corrected)	1567	MLE Sd (bias corrected)	2861
		Approximate Chi Square Value (0.05)	8.111
Adjusted Level of Significance	0.0401	Adjusted Chi Square Value	7.745

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	3132	95% Adjusted Gamma UCL (use when n<50)	3280

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.948	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.923	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.124	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.171	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	-0.288	Mean of logged Data	5.144
Maximum of Logged Data	9.306	SD of logged Data	2.388

Assuming Lognormal Distribution

95% H-UCL	26683	90% Chebyshev (MVUE) UCL	6099
95% Chebyshev (MVUE) UCL	7890	97.5% Chebyshev (MVUE) UCL	10377
99% Chebyshev (MVUE) UCL	15260		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	2571	95% Jackknife UCL	2608
95% Standard Bootstrap UCL	2561	95% Bootstrap-t UCL	3282
95% Hall's Bootstrap UCL	2487	95% Percentile Bootstrap UCL	2634
95% BCA Bootstrap UCL	2887		
90% Chebyshev(Mean, Sd) UCL	3397	95% Chebyshev(Mean, Sd) UCL	4226
97.5% Chebyshev(Mean, Sd) UCL	5376	99% Chebyshev(Mean, Sd) UCL	7636

Suggested UCL to Use

97.5% Chebyshev (Mean, Sd) UCL	5376

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Zinc

General Statistics

Total Number of Observations	27	Number of Distinct Observations	26
Number of Detects	26	Number of Non-Detects	1
Number of Distinct Detects	25	Number of Distinct Non-Detects	1
Minimum Detect	2.5	Minimum Non-Detect	5.7
Maximum Detect	33000	Maximum Non-Detect	5.7
Variance Detects	62063694	Percent Non-Detects	3.704%
Mean Detects	3571	SD Detects	7878
Median Detects	425	CV Detects	2.206
Skewness Detects	2.816	Kurtosis Detects	7.994
Mean of Logged Detects	6.289	SD of Logged Detects	2.051

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.51	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.92	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.44	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.174	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

Mean	3439	Standard Error of Mean	1494
SD	7611	95% KM (BCA) UCL	6164
95% KM (t) UCL	5987	95% KM (Percentile Bootstrap) UCL	6087
95% KM (z) UCL	5896	95% KM Bootstrap t UCL	9132
90% KM Chebyshev UCL	7920	95% KM Chebyshev UCL	9950
97.5% KM Chebyshev UCL	12767	99% KM Chebyshev UCL	18301

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	2.343	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.84	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.34	**Kolmogrov-Smirnoff GOF**
5% K-S Critical Value	0.185	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.355	k star (bias corrected MLE)	0.339
Theta hat (MLE)	10067	Theta star (bias corrected MLE)	10520
nu hat (MLE)	18.45	nu star (bias corrected)	17.65
MLE Mean (bias corrected)	3571	MLE Sd (bias corrected)	6130

Gamma Kaplan-Meier (KM) Statistics

k hat (KM)	0.204	nu hat (KM)	11.03
Approximate Chi Square Value (11.03, α)	4.594	Adjusted Chi Square Value (11.03, β)	4.33
95% Gamma Approximate KM-UCL (use when n>=50)	8256	95% Gamma Adjusted KM-UCL (use when n<50)	8759

TABLE A.7

SUMMARY OF PROUCL OUTPUTS
FORMER FUEL OIL TANK AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 9:15:21 AM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Zinc (cont.'d)

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs
GROS may not be used when kstar of detected data is small such as < 0.1
For such situations, GROS method tends to yield inflated values of UCLs and BTVs
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	3439
Maximum	33000	Median	420
SD	7756	CV	2.255
k hat (MLE)	0.305	k star (bias corrected MLE)	0.296
Theta hat (MLE)	11286	Theta star (bias corrected MLE)	11636
nu hat (MLE)	16.46	nu star (bias corrected)	15.96
MLE Mean (bias corrected)	3439	MLE Sd (bias corrected)	6326
		Adjusted Level of Significance (β)	0.0401
Approximate Chi Square Value (15.96, α)	7.935	Adjusted Chi Square Value (15.96, β)	7.574
95% Gamma Approximate UCL (use when n>=50)	6918	95% Gamma Adjusted UCL (use when n<50)	7248

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.929	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.92	Detected Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.207	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.174	Detected Data Not Lognormal at 5% Significance Level

Detected Data appear Approximate Lognormal at 5% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	3439	Mean in Log Scale	6.135
SD in Original Scale	7755	SD in Log Scale	2.164
95% t UCL (assumes normality of ROS data)	5985	95% Percentile Bootstrap UCL	6147
95% BCA Bootstrap UCL	6922	95% Bootstrap t UCL	8987
95% H-UCL (Log ROS)	29939		

UCLs using Lognormal Distribution and KM Estimates when Detected data are Lognormally Distributed

KM Mean (logged)	6.09	95% H-UCL (KM -Log)	35166
KM SD (logged)	2.219	95% Critical H Value (KM-Log)	4.402
KM Standard Error of Mean (logged)	0.435		

DL/2 Statistics

DL/2 Normal		**DL/2 Log-Transformed**	
Mean in Original Scale	3439	Mean in Log Scale	6.095
SD in Original Scale	7756	SD in Log Scale	2.25
95% t UCL (Assumes normality)	5985	95% H-Stat UCL	39782

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Detected Data appear Approximate Lognormal Distributed at 5% Significance Level

Suggested UCL to Use

99% KM (Chebyshev) UCL	18301

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness.
These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

TABLE B.1

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:00:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt

General Statistics

Total Number of Observations	14	Number of Distinct Observations	8
		Number of Missing Observations	0
Minimum	9	Mean	12.14
Maximum	16	Median	13
SD	2.413	Std. Error of Mean	0.645
Coefficient of Variation	0.199	Skewness	0.0999

Normal GOF Test

Shapiro Wilk Test Statistic	0.886	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.874	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.211	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.237	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	13.28	95% Adjusted-CLT UCL (Chen-1995)	13.21
		95% Modified-t UCL (Johnson-1978)	13.28

Gamma GOF Test

A-D Test Statistic	0.771	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.734	Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.236	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.228	Data Not Gamma Distributed at 5% Significance Level

Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	26.81	k star (bias corrected MLE)	21.11
Theta hat (MLE)	0.453	Theta star (bias corrected MLE)	0.575
nu hat (MLE)	750.6	nu star (bias corrected)	591.1
MLE Mean (bias corrected)	12.14	MLE Sd (bias corrected)	2.641
		Approximate Chi Square Value (0.05)	535.7
Adjusted Level of Significance	0.0312	Adjusted Chi Square Value	528.7

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	13.39	95% Adjusted Gamma UCL (use when n<50)	13.57

TABLE B.1

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:00:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Cobalt (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.879	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.874	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.239	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.237	Data Not Lognormal at 5% Significance Level

Data appear Approximate Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	2.197	Mean of logged Data	2.477
Maximum of Logged Data	2.773	SD of logged Data	0.202

Assuming Lognormal Distribution

95% H-UCL	13.46	90% Chebyshev (MVUE) UCL	14.12
95% Chebyshev (MVUE) UCL	15.01	97.5% Chebyshev (MVUE) UCL	16.26
99% Chebyshev (MVUE) UCL	18.7		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	13.2	95% Jackknife UCL	13.28
95% Standard Bootstrap UCL	13.14	95% Bootstrap-t UCL	13.37
95% Hall's Bootstrap UCL	13.26	95% Percentile Bootstrap UCL	13.19
95% BCA Bootstrap UCL	13.11		
90% Chebyshev(Mean, Sd) UCL	14.07	95% Chebyshev(Mean, Sd) UCL	14.95
97.5% Chebyshev(Mean, Sd) UCL	16.16	99% Chebyshev(Mean, Sd) UCL	18.55

Suggested UCL to Use

95% Student's-t UCL	13.28

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE B.1

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:00:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	12	Mean	137.4
Maximum	420	Median	87.5
SD	129.8	Std. Error of Mean	34.69
Coefficient of Variation	0.945	Skewness	1.561

Normal GOF Test

Shapiro Wilk Test Statistic	0.774	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.874	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.247	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.237	Data Not Normal at 5% Significance Level

Data Not Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	198.8	95% Adjusted-CLT UCL (Chen-1995)	209.9
		95% Modified-t UCL (Johnson-1978)	201.2

Gamma GOF Test

A-D Test Statistic	0.488	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.752	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.191	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.233	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.426	k star (bias corrected MLE)	1.168
Theta hat (MLE)	96.32	Theta star (bias corrected MLE)	117.6
nu hat (MLE)	39.93	nu star (bias corrected)	32.71
MLE Mean (bias corrected)	137.4	MLE Sd (bias corrected)	127.1
		Approximate Chi Square Value (0.05)	20.63
Adjusted Level of Significance	0.0312	Adjusted Chi Square Value	19.37

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50)	217.7	95% Adjusted Gamma UCL (use when n<50)	232

TABLE B.1

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:00:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.948	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.874	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.151	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.237	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	2.485	Mean of logged Data	4.533
Maximum of Logged Data	6.04	SD of logged Data	0.951

Assuming Lognormal Distribution

95% H-UCL	298.6	90% Chebyshev (MVUE) UCL	255.1
95% Chebyshev (MVUE) UCL	307.3	97.5% Chebyshev (MVUE) UCL	379.7
99% Chebyshev (MVUE) UCL	522		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	194.4	95% Jackknife UCL	198.8
95% Standard Bootstrap UCL	192.6	95% Bootstrap-t UCL	235.1
95% Hall's Bootstrap UCL	328	95% Percentile Bootstrap UCL	196
95% BCA Bootstrap UCL	207.6		
90% Chebyshev(Mean, Sd) UCL	241.4	95% Chebyshev(Mean, Sd) UCL	288.5
97.5% Chebyshev(Mean, Sd) UCL	354	99% Chebyshev(Mean, Sd) UCL	482.5

Suggested UCL to Use

95% Adjusted Gamma UCL	232

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE B.1

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:00:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	14	Number of Distinct Observations	13
		Number of Missing Observations	0
Minimum	20	Mean	270.9
Maximum	900	Median	185
SD	248.7	Std. Error of Mean	66.46
Coefficient of Variation	0.918	Skewness	1.668

Normal GOF Test

Shapiro Wilk Test Statistic	0.811	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.874	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.223	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.237	Data appear Normal at 5% Significance Level

Data appear Approximate Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	388.6	95% Adjusted-CLT UCL (Chen-1995)	411.8
		95% Modified-t UCL (Johnson-1978)	393.5

Gamma GOF Test

A-D Test Statistic	0.269	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.751	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.14	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.233	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.457	k star (bias corrected MLE)	1.192
Theta hat (MLE)	185.9	Theta star (bias corrected MLE)	227.1
nu hat (MLE)	40.8	nu star (bias corrected)	33.39
MLE Mean (bias corrected)	270.9	MLE Sd (bias corrected)	248
		Approximate Chi Square Value (0.05)	21.18
Adjusted Level of Significance	0.0312	Adjusted Chi Square Value	19.89

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	427.1	95% Adjusted Gamma UCL (use when n<50)	454.6

TABLE B.1

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN SLUDGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:00:18 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.965	**Shapiro Wilk Lognormal GOF Test**
5% Shapiro Wilk Critical Value	0.874	Data appear Lognormal at 5% Significance Level
Lilliefors Test Statistic	0.109	**Lilliefors Lognormal GOF Test**
5% Lilliefors Critical Value	0.237	Data appear Lognormal at 5% Significance Level

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	2.996	Mean of logged Data	5.221
Maximum of Logged Data	6.802	SD of logged Data	0.967

Assuming Lognormal Distribution

95% H-UCL	615.2	90% Chebyshev (MVUE) UCL	519
95% Chebyshev (MVUE) UCL	626.2	97.5% Chebyshev (MVUE) UCL	775
99% Chebyshev (MVUE) UCL	1067		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	380.2	95% Jackknife UCL	388.6
95% Standard Bootstrap UCL	374.9	95% Bootstrap-t UCL	483.3
95% Hall's Bootstrap UCL	962	95% Percentile Bootstrap UCL	383.1
95% BCA Bootstrap UCL	403.4		
90% Chebyshev(Mean, Sd) UCL	470.2	95% Chebyshev(Mean, Sd) UCL	560.6
97.5% Chebyshev(Mean, Sd) UCL	685.9	99% Chebyshev(Mean, Sd) UCL	932.2

Suggested UCL to Use

95% Student's-t UCL	388.6

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE B.2

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN SLUDGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Surface Soil (0-2 ft BGS)	Surface Soil	On-Site	Ingestion	Cobalt	1.33E+01	mg/kg	4.64E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.30E-05	mg/kg-d	3.00E-04	mg/kg-d	4.33E-02
				Copper	2.32E+02	mg/kg	8.11E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.27E-04	mg/kg-d	4.00E-02	mg/kg-d	5.68E-03
				Nickel	3.89E+02	mg/kg	1.36E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.80E-04	mg/kg-d	2.00E-02	mg/kg-d	1.90E-02
			Exp. Route Total								NC					6.80E-02
			Dermal	Cobalt	1.33E+01	mg/kg	3.06E-08	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	8.58E-08	mg/kg-d	3.00E-04	mg/kg-d	2.86E-04
				Copper	2.32E+02	mg/kg	5.35E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.50E-06	mg/kg-d	4.00E-02	mg/kg-d	3.75E-05
				Nickel	3.89E+02	mg/kg	8.96E-07	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.51E-06	mg/kg-d	8.00E-04	mg/kg-d	3.14E-03
			Exp. Route Total								NC					3.46E-03
		Exposure Point Total									NC					7.15E-02
	Exposure Medium Total										NC					7.15E-02
	Ambient Air	On-Site	Inhalation	Cobalt	1.33E+01	mg/kg	1.17E-09	mg/m^3	--	$(mg/m^3)^{-1}$	NC	3.28E-09	mg/m^3	6.00E-06	mg/m^3	5.47E-04
				Copper	2.32E+02	mg/kg	2.05E-08	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.73E-08	mg/m^3	--	mg/m^3	NC
				Nickel	3.89E+02	mg/kg	3.43E-08	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	8.92E-09	9.60E-08	mg/m^3	9.00E-05	mg/m^3	1.07E-03
			Exp. Route Total								8.92E-09					1.61E-03
		Exposure Point Total									8.92E-09					1.61E-03
	Exposure Medium Total										8.92E-09					1.61E-03
Medium Total											8.92E-09					7.31E-02
							Total of Receptor Risks Across All Media				**8.9E-09**	**Total of Receptor Hazards Across All Media**				**7.3E-02**

Note:

NC = Not Calculated

TABLE B.3

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:03:17 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper

General Statistics

Total Number of Observations	4	Number of Distinct Observations	4
		Number of Missing Observations	0
Minimum	1.7	Mean	6928
Maximum	21000	Median	3354
SD	9898	Std. Error of Mean	4949
Coefficient of Variation	1.429	Skewness	1.46

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest. For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012). Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test

Shapiro Wilk Test Statistic	0.823	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.748	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.259	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.443	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	18575	95% Adjusted-CLT UCL (Chen-1995)	18928
		95% Modified-t UCL (Johnson-1978)	19177

Gamma GOF Test

A-D Test Statistic	0.422	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.729	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.306	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.425	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.21	k star (bias corrected MLE)	0.219
Theta hat (MLE)	33001	Theta star (bias corrected MLE)	31612
nu hat (MLE)	1.679	nu star (bias corrected)	1.753
MLE Mean (bias corrected)	6928	MLE Sd (bias corrected)	14798
		Approximate Chi Square Value (0.05)	0.126
Adjusted Level of Significance	N/A	Adjusted Chi Square Value	N/A

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	96676	95% Adjusted Gamma UCL (use when n<50)	N/A

TABLE B.3

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:03:17 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Copper (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.866	**Shapiro Wilk Lognormal GOF Test**	
5% Shapiro Wilk Critical Value	0.748	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.268	**Lilliefors Lognormal GOF Test**	
5% Lilliefors Critical Value	0.443	Data appear Lognormal at 5% Significance Level	

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	0.531	Mean of logged Data	5.364
Maximum of Logged Data	9.952	SD of logged Data	4.709

Assuming Lognormal Distribution

95% H-UCL	2.652E+43	90% Chebyshev (MVUE) UCL	69858
95% Chebyshev (MVUE) UCL	93497	97.5% Chebyshev (MVUE) UCL	126305
99% Chebyshev (MVUE) UCL	190752		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	15068	95% Jackknife UCL	18575
95% Standard Bootstrap UCL	N/A	95% Bootstrap-t UCL	N/A
95% Hall's Bootstrap UCL	N/A	95% Percentile Bootstrap UCL	N/A
95% BCA Bootstrap UCL	N/A		
90% Chebyshev(Mean, Sd) UCL	21775	95% Chebyshev(Mean, Sd) UCL	28500
97.5% Chebyshev(Mean, Sd) UCL	37835	99% Chebyshev(Mean, Sd) UCL	56171

Suggested UCL to Use

95% Student's-t UCL	18575

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE B.3

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:03:17 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese

General Statistics

Total Number of Observations	4	Number of Distinct Observations	4
		Number of Missing Observations	0
Minimum	340	Mean	973.8
Maximum	2400	Median	577.5
SD	958.6	Std. Error of Mean	479.3
Coefficient of Variation	0.984	Skewness	1.903

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest. For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012). Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test

Shapiro Wilk Test Statistic	0.747	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.748	Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.388	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.443	Data appear Normal at 5% Significance Level

Data appear Approximate Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	2102	95% Adjusted-CLT UCL (Chen-1995)	2249
		95% Modified-t UCL (Johnson-1978)	2178

Gamma GOF Test

A-D Test Statistic	0.505	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.661	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.36	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.399	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	1.809	k star (bias corrected MLE)	0.619
Theta hat (MLE)	538.4	Theta star (bias corrected MLE)	1574
nu hat (MLE)	14.47	nu star (bias corrected)	4.95
MLE Mean (bias corrected)	973.8	MLE Sd (bias corrected)	1238
		Approximate Chi Square Value (0.05)	1.129
Adjusted Level of Significance	N/A	Adjusted Chi Square Value	N/A

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	4268	95% Adjusted Gamma UCL (use when n<50)	N/A

TABLE B.3

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:03:17 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Manganese (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.888	**Shapiro Wilk Lognormal GOF Test**	
5% Shapiro Wilk Critical Value	0.748	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.31	**Lilliefors Lognormal GOF Test**	
5% Lilliefors Critical Value	0.443	Data appear Lognormal at 5% Significance Level	

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	5.829	Mean of logged Data	6.58
Maximum of Logged Data	7.783	SD of logged Data	0.843

Assuming Lognormal Distribution

95% H-UCL	16373	90% Chebyshev (MVUE) UCL	2043
95% Chebyshev (MVUE) UCL	2548	97.5% Chebyshev (MVUE) UCL	3248
99% Chebyshev (MVUE) UCL	4624		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	1762	95% Jackknife UCL	2102
95% Standard Bootstrap UCL	N/A	95% Bootstrap-t UCL	N/A
95% Hall's Bootstrap UCL	N/A	95% Percentile Bootstrap UCL	N/A
95% BCA Bootstrap UCL	N/A		
90% Chebyshev(Mean, Sd) UCL	2412	95% Chebyshev(Mean, Sd) UCL	3063
97.5% Chebyshev(Mean, Sd) UCL	3967	99% Chebyshev(Mean, Sd) UCL	5742

Suggested UCL to Use

95% Student's-t UCL	2102

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE B.3

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:03:17 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel

General Statistics

Total Number of Observations	4	Number of Distinct Observations	4
		Number of Missing Observations	0
Minimum	0.78	Mean	1353
Maximum	4100	Median	655.5
SD	1930	Std. Error of Mean	965.2
Coefficient of Variation	1.427	Skewness	1.468

Note: Sample size is small (e.g., <10), if data are collected using ISM approach, you should use guidance provided in ITRC Tech Reg Guide on ISM (ITRC, 2012) to compute statistics of interest. For example, you may want to use Chebyshev UCL to estimate EPC (ITRC, 2012). Chebyshev UCL can be computed using the Nonparametric and All UCL Options of ProUCL 5.0

Normal GOF Test

Shapiro Wilk Test Statistic	0.823	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.748	Data appear Normal at 5% Significance Level
Lilliefors Test Statistic	0.261	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.443	Data appear Normal at 5% Significance Level

Data appear Normal at 5% Significance Level

Assuming Normal Distribution

95% Normal UCL		**95% UCLs (Adjusted for Skewness)**	
95% Student's-t UCL	3624	95% Adjusted-CLT UCL (Chen-1995)	3698
		95% Modified-t UCL (Johnson-1978)	3742

Gamma GOF Test

A-D Test Statistic	0.325	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.717	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.269	**Kolmogrov-Smirnoff Gamma GOF Test**
5% K-S Critical Value	0.422	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	0.253	k star (bias corrected MLE)	0.23
Theta hat (MLE)	5345	Theta star (bias corrected MLE)	5884
nu hat (MLE)	2.025	nu star (bias corrected)	1.84
MLE Mean (bias corrected)	1353	MLE Sd (bias corrected)	2821
		Approximate Chi Square Value (0.05)	0.133
Adjusted Level of Significance	N/A	Adjusted Chi Square Value	N/A

Assuming Gamma Distribution

95% Approximate Gamma UCL (use when n>=50))	18753	95% Adjusted Gamma UCL (use when n<50)	N/A

TABLE B.3

SUMMARY OF PROUCL OUTPUTS FOR SURFACE SOIL (0-2 ft BGS)
SOUTHERN DIE STORAGE AREA
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

User Selected Options	
Date/Time of Computation	12/23/2013 3:03:17 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Nickel (cont.'d)

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.919	**Shapiro Wilk Lognormal GOF Test**	
5% Shapiro Wilk Critical Value	0.748	Data appear Lognormal at 5% Significance Level	
Lilliefors Test Statistic	0.253	**Lilliefors Lognormal GOF Test**	
5% Lilliefors Critical Value	0.443	Data appear Lognormal at 5% Significance Level	

Data appear Lognormal at 5% Significance Level

Lognormal Statistics

Minimum of Logged Data	-0.248	Mean of logged Data	4.41
Maximum of Logged Data	8.319	SD of logged Data	4.027

Assuming Lognormal Distribution

95% H-UCL	9.454E+31	90% Chebyshev (MVUE) UCL	11160
95% Chebyshev (MVUE) UCL	14920	97.5% Chebyshev (MVUE) UCL	20138
99% Chebyshev (MVUE) UCL	30389		

Nonparametric Distribution Free UCL Statistics
Data appear to follow a Discernible Distribution at 5% Significance Level

Nonparametric Distribution Free UCLs

95% CLT UCL	2940	95% Jackknife UCL	3624
95% Standard Bootstrap UCL	N/A	95% Bootstrap-t UCL	N/A
95% Hall's Bootstrap UCL	N/A	95% Percentile Bootstrap UCL	N/A
95% BCA Bootstrap UCL	N/A		
90% Chebyshev(Mean, Sd) UCL	4248	95% Chebyshev(Mean, Sd) UCL	5560
97.5% Chebyshev(Mean, Sd) UCL	7380	99% Chebyshev(Mean, Sd) UCL	10956

Suggested UCL to Use

95% Student's-t UCL	3624

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)
and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.
For additional insight the user may want to consult a statistician.

TABLE B.4

CALCULATION OF CHEMICAL CANCER RISKS AND NON-CANCER HAZARDS FOR INDUSTRIAL/ COMMERCIAL WORKER
SOUTHERN DIE STORAGE AREA
REASONABLE MAXIMUM EXPOSURE
RISK ASSESSMENT
RACER TRUST PROPERTY
ELYRIA, OHIO

Scenario Timeframe: Future
Receptor Population: Industrial/ Commercial Worker
Receptor Age: Adult

Medium	*Exposure Medium*	*Exposure Point*	*Exposure Route*	*Chemicals of Potential Concern (COPCs)*	*EPC*		*Cancer Risk Calculations*					*Non-Cancer Hazard Calculations*				
					Value	*Units*	*Intake/Exposure Concentration*		*CSF/Unit Risk*		*Cancer Risk*	*Intake/Exposure Concentration*		*RfD/RfC*		*Hazard Quotient*
							Value	*Units*	*Value*	*Units*		*Value*	*Units*	*Value*	*Units*	
Surface Soil (0-2 ft BGS)	Surface Soil	On-Site	Ingestion	Copper	1.86E+04	mg/kg	6.49E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.82E-02	mg/kg-d	4.00E-02	mg/kg-d	4.54E-01
				Manganese	2.10E+03	mg/kg	7.35E-04	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.06E-03	mg/kg-d	2.40E-02	mg/kg-d	8.57E-02
				Nickel	3.62E+03	mg/kg	1.27E-03	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	3.55E-03	mg/kg-d	2.00E-02	mg/kg-d	1.77E-01
			Exp. Route Total								NC					7.17E-01
			Dermal	Copper	1.86E+04	mg/kg	4.28E-05	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.20E-04	mg/kg-d	4.00E-02	mg/kg-d	3.00E-03
				Manganese	2.10E+03	mg/kg	4.85E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	1.36E-05	mg/kg-d	9.60E-04	mg/kg-d	1.41E-02
				Nickel	3.62E+03	mg/kg	8.36E-06	mg/kg-d	--	$(mg/kg\text{-}d)^{-1}$	NC	2.34E-05	mg/kg-d	8.00E-04	mg/kg-d	2.93E-02
			Exp. Route Total								NC					4.64E-02
		Exposure Point Total									NC					7.64E-01
	Exposure Medium Total										NC					7.64E-01
	Ambient Air	On-Site	Inhalation	Copper	1.86E+04	mg/kg	1.64E-06	mg/m^3	--	$(mg/m^3)^{-1}$	NC	4.59E-06	mg/m^3	--	mg/m^3	NC
				Manganese	2.10E+03	mg/kg	1.85E-07	mg/m^3	--	$(mg/m^3)^{-1}$	NC	5.19E-07	mg/m^3	5.00E-05	mg/m^3	1.04E-02
				Nickel	3.62E+03	mg/kg	3.20E-07	mg/m^3	2.60E-01	$(mg/m^3)^{-1}$	8.31E-08	8.95E-07	mg/m^3	9.00E-05	mg/m^3	9.95E-03
			Exp. Route Total								8.31E-08					2.03E-02
		Exposure Point Total									8.31E-08					2.03E-02
	Exposure Medium Total										8.31E-08					2.03E-02
Medium Total											8.31E-08					7.84E-01
							Total of Receptor Risks Across All Media				**8.3E-08**	**Total of Receptor Hazards Across All Media**				**7.8E-01**

Note:

NC = Not Calculated

Appendix E

Level 1 Scoping Ecological Risk Assessment: Supporting Photographs and Agency Correspondence

Photo 1. Looking east across northern portion of RCRA Closed Landfill in the west-central portion of the Site.

Photo 2. Looking southeast across top of RCRA Closed Landfill.

Photo 3. Looking east on gravel access road in the central portion of the Site.

Photo 4. Looking at open drainage ditch that flows east across the central portion of the Site within a wooded hedgerow.

Photo 5. Looking at wooded hedgerow containing the open drainage ditch that flows east across the central portion of the Site.

Photo 6. Looking at the landfill stormwater collection system that discharges to the open drainage ditch in the central portion of the Site.

Photo 7. Looking at open drainage ditch in the central portion of the Site, upstream of the existing weir.

Photo 10. Looking at the existing sump near the confluence of the central drainage ditch and the eastern drainage ditch.

Photo 8. Looking at the existing weir on the open drainage ditch that flows east across the central portion of the Site.

Photo 11. Looking at grate over underground drainage line that flows east offsite to the West Branch Black River.

Photo 9. Looking at the eastern drainage ditch that flows north along the eastern site boundary.

Photo 12. Looking south along the eastern site boundary.

Photo 13. Looking north along the eastern site boundary.

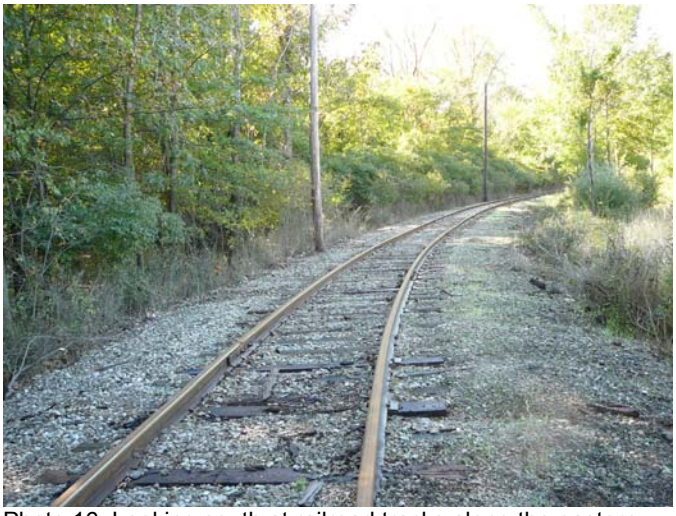


Photo 16. Looking south at railroad tracks along the eastern site boundary in the northeastern portion of the Site.

Photo 14. Looking at a forested wetland in the eastern portion of the Site, north of the central drainage ditch and east of the railroad tracks.

Photo 17. Looking at open drainage ditch that flows north-northwest to the west of the railroad tracks in the northeast portion of the Site.

Photo 15. Looking northwest at upland meadow habitat in the northern portion of the Site.

Photo 18. Looking at an area of ponded water adjoining the open drainage ditch to the west of the railroad tracks in the northeast portion of the Site.

Photo 19. Looking at an area of ponded water within the emergent & scrub-shrub wetlands in the northeast portion of the Site.

Photo 22. Looking northwest at open drainage ditch offsite, to the north of the REALM property.

Photo 20. Looking at an area of cattails in the emergent wetlands in the northern portion of the Site.

Photo 23. Looking at upland meadow (periodically mowed) in the northwest portion of the Site.

Photo 21. Looking northwest along northern site boundary.

Photo 24. Looking southeast along the northern site boundary.

Photo 25. Looking west across upland meadow in the northwest portion of the Site towards the Northern Ohio Industrial Park.

Photo 28. Looking at puddled water on a concrete pad in the western portion of the Site.

Photo 26. Looking east across upland meadow (periodically mowed) and thicket in the north-central portion of the Site.

Photo 29. Looking southwest across concrete pad toward the Northern Ohio Industrial Park.

Photo 27. Looking at puddled water on a concrete pad in the western portion of the Site. Note: high rainfall in the area prior to site visit.

Photo 30. Looking south along gravel access road between the RCRA closed landfill (to the left) and wooded uplands (to the right).

Photo 31. Looking at forested wetlands in the southwest portion of the Site.

Photo 34. Looking east along southwest property boundary. Note: agricultural fields (soybeans) offsite to the south.

Photo 32. Looking at evidence of logging activities in the western-most portion of the Site.

Photo 35. Looking west along southern site boundary.

Photo 33. Looking at a vernal pool in the southwest portion of the Site.

Photo 36. Looking at open drainage ditch that flows north along the access road that makes up the eastern site boundary.

Photo 37. Looking at area of ponded water adjoining the eastern drainage ditch in the eastern portion of the Site.

Photo 38. Looking east at unmowed upland meadow to the east of the RCRA closed landfill.

Photo 39. Looking south between upland meadow and mowed lawn southeast of the RCRA closed landfill. Note: several monitoring wells installed in this portion of the Site.

Photo 40. Looking north in mowed lawn uplands between RCRA closed landfill (to the left) and upland meadow (to the right).

Photo 41. Looking west in mowed lawn uplands to the south of the RCRA closed landfill.

Photo 42. Looking north on access road between RCRA closed landfill (to the right) and wooded uplands (to the left).

Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR — SCOTT A. ZODY, INTERIM DIRECTOR

Ohio Division of Wildlife
David B. Lane, Chief
2045 Morse Rd., Bldg. G
Columbus, OH 43229-6693
Phone: (614) 265-6300

October 13, 2011

Christine Potts
Conestoga-Rovers & Associates, Inc.
410 Eagleview Blvd., Suite 110
Exton, PA 19341

Dear Ms. Potts:

I have reviewed the Biodiversity Database for the REALM RCRA RFI project area, including a one mile radius, at their Lowell St. closed landfill site in Elyria, Lorain County, Ohio, and on the Oberlin Quad (012616). The letters on the list below correspond to the areas marked on the accompanying map.

Lorain/Oberlin Quads
A. Rowland Nature Preserve – Elyria Township
B. North Coast Inland Trail – Lorain Co. Metro Parks

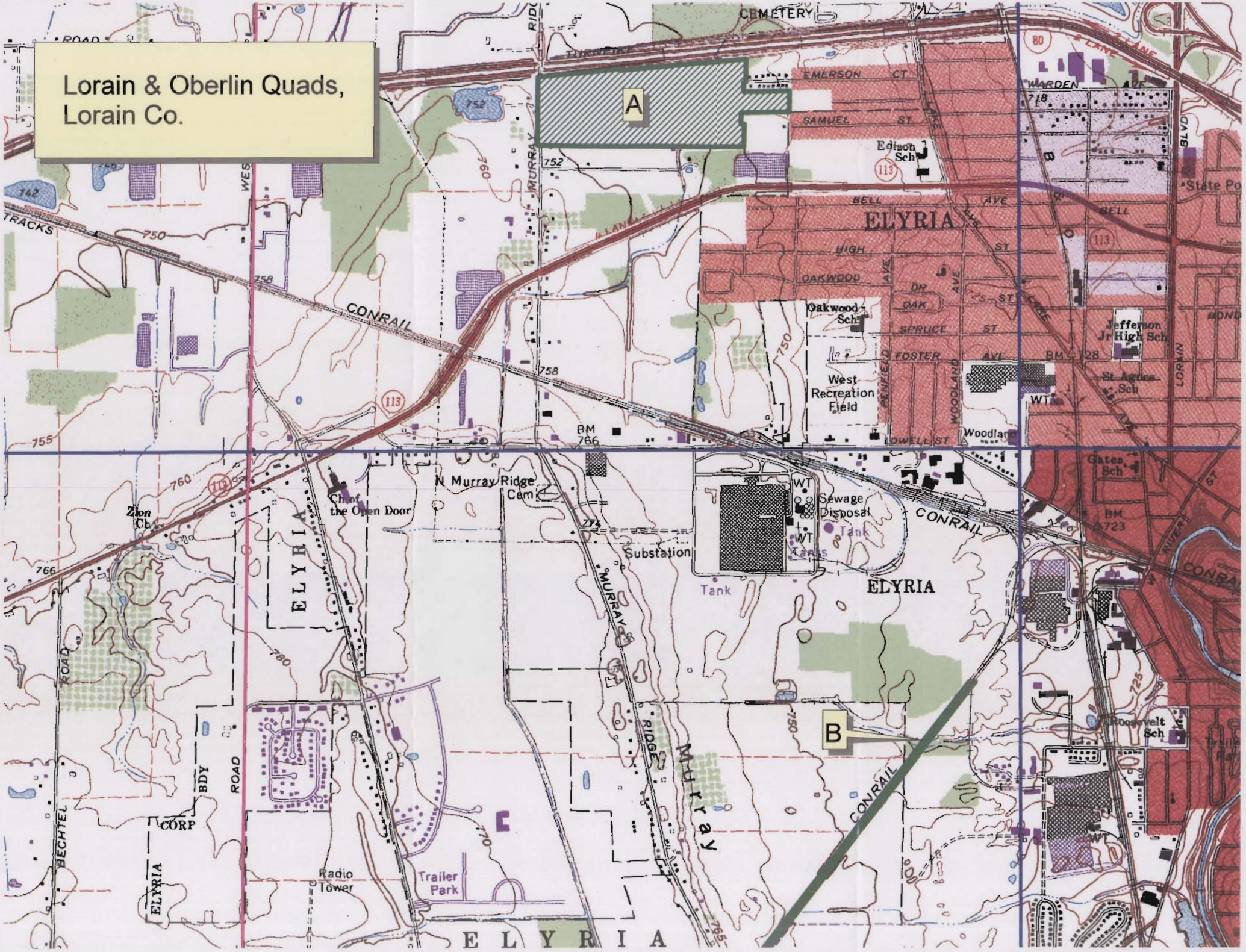
We are unaware of any unique ecological sites, geologic features, animal assemblages, scenic rivers, state wildlife areas, nature preserves, parks or forests or national wildlife refuges, parks or forests within a one mile radius of the project area.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Please note that although we inventory all types of plant communities, we only maintain records on the highest quality areas.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

Debbie Woischke, Ecological Analyst
Ohio Biodiversity Database Program


Lorain & Oberlin Quads,
Lorain Co.
A
B
CEMETERY
EMERSON CT
SAMUEL ST
Edison Sch
BELL AVE
ELYRIA
HIGH ST
OAKWOOD DR
OAK ST
SPRUCE ST
FOSTER AVE
Oakwood Sch
West Recreation Field
Jefferson Jr High Sch
St Agnes Sch
Gates Sch
Woodland
LOWELL ST
WARDEN AVE
BLVD
LORAIN
RIVER ST
BM 766
BM 723
BM 728
WT
N Murray Ridge Cem
Chapel the Open Door
Zion Ch
Sewage Disposal
Tank
Substation
CONRAIL
MURRAY RIDGE
ROAD
BECHTEL
CORP
BDY
Radio Tower
Trailer Park
Roosevelt Sch
E L Y R I A

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / FAX (614) 416-8994

October 25, 2011

Christine J. Potts
Conestoga-Rovers & Associates
410 Eagleview Boulevard, Suite 110
Exton, PA 19341

TAILS: 03E15000-2012-TA-0068

Re: Technical Assistance
REALM Property – Closed Landfill Site
Elyria, Lorain County, Ohio

Dear Ms. Potts:

This is in response to the August 19, 2011 letter requesting information on Threatened and Endangered species in the project area. The proposed project is located near the Northern Ohio Industrial Park in Elyria, Lorain County, Ohio. CRA proposes to perform a Level 1 Scoping Ecological Rick Assessment at the site.

There are no Federal wilderness areas, wildlife refuges, or designated Critical Habitat within the vicinity of the proposed site.

ENDANGERED SPECIES COMMENTS: The proposed project lies within the range of the **Indiana bat** (*Myotis sodalis*), a federally listed endangered species. Since first listed as endangered in 1967, their population has declined by nearly 60%. Several factors have contributed to the decline of the Indiana bat, including the loss and degradation of suitable hibernacula, human disturbance during hibernation, pesticides, and the loss and degradation of forested habitat, particularly stands of large, mature trees. Fragmentation of forest habitat may also contribute to declines. During winter, Indiana bats hibernate in caves and abandoned mines. Summer habitat requirements for the species are not well defined but the following are considered important:

(1) dead or live trees and snags with peeling or exfoliating bark, split tree trunk and/or branches, or cavities, which may be used as maternity roost areas;
(2) live trees (such as shagbark hickory and oaks) which have exfoliating bark;
(3) stream corridors, riparian areas, and upland woodlots which provide forage sites.

Should the proposed site contain trees or associated habitats exhibiting any of the characteristics listed above, we recommend that the habitat and surrounding trees be saved wherever possible. If the trees must be cut, further coordination with this office is requested to determine if surveys

are warranted. Any survey should be designed and conducted in coordination with the Endangered Species Coordinator for this office. Surveyors must have a valid Federal permit.

The project lies within the range of the **piping plover** (*Charadrius melodus*), a federally listed endangered species. Due to the project type, location, and onsite habitat, this species would not be expected within the project area, and no impacts to this species are expected. Relative to this species, this precludes the need for further action on this project as required by the 1973 Endangered Species Act.

The proposed project lies within the range of the **Kirtland's warbler** (*Setophaga kirtlandii*), a federally listed endangered species. The Kirtland's warbler is a small blue-gray songbird with a bright yellow breast. This species migrates through Ohio in the spring and fall, traveling between its breeding grounds in Michigan, Wisconsin, and Ontario and its wintering grounds in the Bahamas. During migration, individual birds usually forage in low vegetation and stay in one area for a few days. Precautions should be taken to avoid impacting this species in the spring from late April through May and from late August to early October.

The project lies within the range of the **bald eagle** (*Haliaeetus leucocephalus*), a species protected under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act. Due to the project type, location, and onsite habitat, this species would not be expected within the project area, and no impact to this species is expected. Relative to this species, this precludes the need for further action on this project as required by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

Should additional information on listed or proposed species or their critical habitat become available or if new information reveals effects of the action that were not previously considered, our comments and recommendations may be reconsidered. These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the Endangered Species Act of 1973 (ESA), as amended, and are consistent with the intent of the National Environmental Policy Act of 1969 and the U. S. Fish and Wildlife Service's Mitigation Policy.

If you have questions, or if we may be of further assistance in this matter, please contact Sarah Bowman at extension 18 in this office, or through email at sarah_bowman@fws.gov.

Sincerely,

Mary Knapp

Mary Knapp, Ph.D.
Field Supervisor

cc: ODNR, DOW, SCEA Unit, Columbus, OH

Appendix F

Site Groundwater Evaluation

Haley & Aldrich, Inc.
6500 Rockside Road
Suite 200
Cleveland, OH 44131
216.739.0555

MEMORANDUM

30 December 2015
File No. 41753-001

TO: RACER Trust
Pam Barnett

FROM: Haley & Aldrich, Inc.
Lloyd S. Ross and David J. Hagen

SUBJECT: Groundwater Evaluation, RCRA Facility Investigation, Delphi Interior Elyria (11110), Elyria, Ohio

DRAFT

Groundwater was investigated as an area of interest during RCRA Facility Investigation conducted at the Delphi Interior Elyria Site (facility). Haley & Aldrich has conducted additional data collection and reviewed the other RFI data summarized herein. This memorandum summarizes this work and the results of our evaluation of the site groundwater for the RFI.

Geology and Hydrogeology

The site geology is described in the RFI Report as having three main stratigraphic units from the surface downwards:

1. drift (clay till);
2. Berea Sandstone; and
3. Bedford Shale.

The RFI identified two water bearing units consisting of:

1. The Till unit and the contact with the Berea Sandstone (referred to as Till Contact unit)
2. The upper portion of the Berea Sandstone aquifer (referred to as the Bedrock unit)

Additional information on the geology is provided in the RFI Report.

Groundwater Flow Direction

Groundwater flow in the Till Contact unit and the Bedrock unit is observed as having similar hydraulic conductivities, elevations and groundwater flow patterns when evaluated on a Site wide basis. These two units are in contact with each other with no apparent aquitard separating the two stratigraphic

units. As such, the previously identified two hydrostratigraphic units groundwater have been interpreted (as discussed herein) as a single hydrostratigraphic unit.

Haley & Aldrich reviewed groundwater contour plans previously prepared by others and found groundwater depressions that could only be explained by groundwater discharge/withdrawl (to a pumping well or a sewer system for example). An interpretation of the conditions that would cause these groundwater depressions was not provided by the authors of the plans. Haley & Aldrich reviewed drawings of the site storm sewers and found that the groundwater depressions were coincident with the locations of the site storm sewer system indicating the possibility that leaking storm sewers may be the cause of the observed groundwater depressions. Based on this observation, Haley & Aldrich conducted a site visit and collected storm sewer depths at points along the storm sewer alignment that crosses the RACER Elyria site to determine if the storm sewers were acting as discharge points for site groundwater.

The based on field measurements, the invert elevations were lower than groundwater elevations from wells installed proximal to the sewers. In addition, we visually observed water flowing in the storm sewers during prolonged periods of dry weather indicating groundwater is entering the pipe during periods when storm water runoff was absent (ie. groundwater discharge).

Additional and updated invert elevations of the storm sewers were surveyed to the site benchmarks (Table 1) to allow sewer elevations to be incorporated into groundwater flow interpretations (contour plans) and a round of water levels was collected on April 27, 2015. A comparison of these water elevations to historic measurements is provided in Table 2. Based on this review, the storm sewer system at the facility is acting as a groundwater discharge point much like that of a gaining stream. The groundwater elevation data from April 2015 and the sewer invert elevations were used to develop groundwater contours Figure 1.

Based on these contours, the consideration of the storm sewers does not alter the interpretations of the groundwater flow direction beneath the RCRA landfill primarily because there are no sewers located beneath the landfill. Groundwater flow direction beneath the RCRA landfill remains toward the Northwest. The storm sewer system that bisects the northern portion of the property receives groundwater much like a gaining stream and has a “watershed area.” Because of the low permeability soils (Till Contact and Bedrock Unit), the groundwater gradients are greatest (steepest) immediately adjacent to the storm sewer alignment.

The influence of the storm sewers should be considered and factored into the previous groundwater contours developed and presented for the northern portion of the site. Based on review of the elevations (Table 2) the groundwater flow direction appears consistent.

Groundwater Contamination

During the RFI activities, the chlorinated solvents trichloroethylene (TCE), 1,2-dichloroethene (cis and trans) (DCE) and vinyl chloride have been detected in groundwater samples collected from the adjacent property and the RACER property at concentrations greater than the Maximum Contaminant Levels (MCLs) (Table 3). Details of the sampling are provided in the RFI Report.

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Based on the exceedance of MCL for the chlorinated compounds, groundwater is considered to be contaminated. We note that use of groundwater at the site for drinking water is unlikely and is to be restricted under the site-wide institutional controls to be proposed under corrective action.

A summary of the groundwater sample concentrations of TCE, DCE and vinyl chloride are shown for on Figures 2, 3 and 4, respectively. Each figure shows the maximum sample concentration from the 2012, 2013 and 2014 groundwater sampling events. Although the Till Contact and Bedrock Unit are considered to be a single hydrogeological unit, contaminant stratification within this unit is possible and may be significant with respect to evaluation of future vapor intrusion exposures.

The maximum concentration of vinyl chloride was detected in a sample collected from MW-22S from the adjacent property. Based on the groundwater flow directions in Figure 1, the predominant groundwater flow from the adjacent property is east toward the RACER property and storm sewers. Based on groundwater flow direction and groundwater sample concentration gradients, the low-level detections of vinyl chloride at MW-16R and MW-18 may be migration from groundwater migration on to the RACER property. The chlorinated solvents detected on-site at P-05R, P5SR, P-1 and MW-19 may be related to former activities at the Southern Former Die Storage Pad.

Based on the groundwater flow direction and groundwater sample concentrations, chlorinated solvents are not migrating off of the RACER property at concentrations greater than the MCLs. However, chlorinated compounds in groundwater are likely discharging to the storm sewers.

Storm Water Contamination

As described above, there are contaminants greater than the MCL present in the adjacent and on-site groundwater that may discharge to the site storm sewer. Based on site visit, the former NPDES 001 Outfall is contained within a manhole and water within the sewer does not daylight on-Site. According to the draft RFI Report, the closest major water body is the West Branch of the Black Creek which is more than 0.8 mile to the east of the Site.

The surface water quality criteria can be considered in evaluating the eventual discharge of groundwater to and eventually from the storm sewer to surface water. For this screening, the maximum chlorinated solvent concentrations in groundwater were compared to the following surface water criteria:

a. OMZA Non-drinking Human Health Criteria Table 33-2. Lake Erie drainage basin water quality criteria for the protection of human health and wildlife. OAC 3745-1-33;

b. OMZA Aquatic Life Criteria from Lake Erie Basin Aquatic Life and Human Health Tier I Criteria, Tier II Values and Screening Values. Ohio EPA, Division of Surface Water 10/20/2009; and

c. Non-drinking Human Health Criteria from Lake Erie Basin Aquatic Life and Human Health Tier I Criteria, Tier II Values and Screening Values. Ohio EPA, Division of Surface Water 10/20/2009.

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With the exception of trichloroethylene at P-05R, the on-site groundwater sample concentrations of trichloroethene, dichloroethene and vinyl chloride are less than the surface water criteria. The maximum on-site groundwater sample concentration of trichloroethene is greater than the surface water criteria as summarized below. The maximum concentrations of trichloroethene and vinyl chloride in groundwater samples from off-site are greater than the surface water criteria.

Compound	Aquatic Life OMZA (µg/l)		Human Health Nondrinking (µg/l)		Maximum RFI Concentration on-site (µg/l)	Maximum RFI Concentration adjacent-site (µg/l)
1,2-Dichloroethene	970	Tier II (total)	25000	Tier I	670 at P-05R	907 at MW-22S
Trichloroethene	220	Tier II	370	Table 33-2	**580** at P-05R	**490** at MW-22S
Vinyl chloride	930	Tier II	28	Tier I c	140 at P-05R	**1,200** at MW-22S

Based on the above, trichloroethene in groundwater from P-05R and trichloroethene and vinyl chloride in groundwater on the adjacent site have the potential to discharge to the storm sewer at concentrations greater than surface water quality criteria. However, groundwater flow direction from P-05R is east toward P-1 and MW-19. The groundwater sample concentrations from P-1 and MW-19 are less than the surface water quality criteria. The storm sewer outfall is located over 700 feet east of P-05R.

To evaluate the potential for discharge of volatile organic compounds in the site sewer network off-site, samples from the former NPDES Outfall 001 were collected on 31 August 2015. Outfall 001 location is an enclosed confluence of the site sewer system prior to leaving the site (see attached figures). Daylighting of the sewer flow was not observed on site. Pictures of the manhole access and former sampling piping are shown below.

There was no rainfall at the site for 48-hours prior to sampling and the site ditches and ground surface was dry. Samples were collected from the former Outfall 001 using a disposable bailer. Samples were

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submitted to TestAmerica for analysis of volatile organic compounds. The analytical results from the sewer sampling are summarized below and the laboratory reports are attached.

Compound	Aquatic Life OMZA (µg/l)		Human Health Nondrinking (µg/l)		Storm Outfall Sample Concentration 31 Aug 2015 (µg/l)
1,2-Dichloroethene	970	Tier II (total)	25000	Tier I	112
Trichloroethene	220	Tier II	370	Table 33-2	12
Vinyl chloride	930	Tier II	28	Tier I c	6.5

Concentrations of 1,2-dichloroethene, trichloroethene and vinyl chloride were detected in the sewer sample at concentrations less than the OMZA surface water quality criteria. These results provide additional evidence that groundwater discharges to the storm sewer. In addition, based on the sample concentrations from the former Outfall 001 the concentrations at the property boundary are less than surface water quality criteria and therefore would not exceed surface water quality criteria at the point of daylighting to surface water.

Conclusions

Two areas of groundwater contamination are evident: 1) off-site and extending on-Site in the vicinity of the former WWTP and 2) adjacent to the Southern Former Die Storage Area (AOI-7). Based on the groundwater sample concentrations of trichloroethene, 1,2-dichloroethene and vinyl chloride greater than the MCL; therefore restriction on the use of groundwater for potable purposes is a likely remedy for the site. In addition, because volatile organic compounds have been detected in groundwater in the Till Contact unit, the construction of future structures should evaluate the potential for vapor intrusion to indoor air.

Based on groundwater flow direction, migration of contamination in groundwater is the limited by the influence of the storm sewer network. Based on the groundwater contours and storm sewer samples, the VOC contaminants in groundwater are collected by the existing storm sewer. The VOCs detected in the storm sewer at the property boundary are less than the surface water OMZA criteria and therefore do not pose a risk to surface water.

Attachments:

Tables:

1. Summary of Storm Sewer Survey Data
2. Summary of Groundwater Elevations
3. Summary of Groundwater Sample Results

Figures:

1. Potentiometric Surface Contours April 2015

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2. Trichloroethylene Groundwater Sample Concentration 2012 - 2014
3. Total 1,2-Dichloroethene Groundwater Sample Concentration 2012 - 2014
4. Vinyl Chloride Sample Groundwater Concentration 2012 - 2014

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DRAFT

DRAFT

TABLES

Table 1
Summary of Storm Sewer Survey Data
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, OH

Sewer Survey Data	Northing	Easting	Invert Elevation
Manhole 1	620968	2069559	732.94
Manhole 2	621141	2069338	734.34
Manhole 3	621441	2068961	735.60
Outfall 001	620968	2069828	728.35

Notes and Abbreviations:

1) Storm sewer invert elevations were surveyed on May 4, 2015 and are shown on figure 1.

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Table 2
Summary of Groundwater Elevations
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, OH

Location	*Top of Ground Surface Elev. (feet AMSL)*	*Reference Elevation (feet AMSL)*	*Field Measurement August 18, 2011 (feet btor)*	*Groundwater Level August 18, 2011 (feet AMSL)*	*Field Measurement November 30, 2011 (feet btor)*	*Groundwater Level November 30, 2011 (feet AMSL)*	*Field Measurement February 28, 2012 (feet btor)*	*Groundwater Level February 28, 2012 (feet AMSL)*	*Field Measurement June 15, 2012 (feet btor)*	*Groundwater Level June 15, 2012 (feet AMSL)*
Till Contact										
P-1T	747.05	749.74	10.11	739.63	5.16	744.58	6.81	742.93	10.65	739.09
P-2T		749.80	5.51	744.29	4.11	745.69	4.35	745.45	6.21	743.59
P-3T	746.56	748.77	3.55	745.22	2.81	745.96	2.91	745.86	4.90	743.87
P-8T		751.13	5.82	745.31	4.72	746.41	5.35	745.78	6.72	744.41
P-11		749.52	6.68	742.84	5.12	744.40	5.25	744.27	7.62	741.90
P-12TR	749.83	752.22	4.69	747.53	3.89	748.33	3.11	749.11	5.61	746.61
P-13T	747.40	750.24	NM	NM	NM	NM	NM	NM	NM	NM
P-14T	749.37	751.68	4.51	747.17	3.16	748.52	3.13	748.55	5.81	745.87
P-15T	751.24	753.59	6.39	747.20	4.01	749.58	4.22	749.37	6.97	746.62
P-16T	745.01	747.40	6.73	740.67	5.03	742.37	5.35	742.05	8.72	738.68
P-18T		750.25	4.39	745.86	3.20	747.05	3.32	746.93	4.40	745.85
P-21T		751.28	7.75	743.53	6.31	744.97	6.95	744.33	8.46	742.82
MW-17	746.53	749.58	Dry	dry	dry	dry	dry	dry	dry	dry
OW-1R	747.44	749.90	4.30	745.60	3.01	746.89	3.21	746.69	5.61	744.29
FD-01	743.22	745.12	6.35	738.77	2.97	742.15	2.99	742.13	6.02	739.10
FD-02	742.43	744.68	9.88	734.80	4.34	740.34	4.80	739.88	6.06	738.62
FD-03	743.67	746.20	4.39	741.81	3.89	742.31	3.51	742.69	5.91	740.29
FD-05	751.44	753.69	11.19	742.50	10.88	742.81	11.21	742.48	13.08	740.61
FD-06	750.70	753.27	7.34	745.93	6.61	746.66	7.22	746.05	9.18	744.09
FD-07	743.81	746.10	3.75	742.35	3.28	742.82	3.42	742.68	4.02	742.08
FD-12	743.22	745.40	NI	NI	NI	NI	NI	NI	NI	NI
FD-13	742.95	744.65	NI	NI	NI	NI	NI	NI	NI	NI
FD-14	743.32	744.88	NI	NI	NI	NI	NI	NI	NI	NI
MW-21S	750.82	750.58	NI	NI	NI	NI	NI	NI	NI	NI
MW-22S	749.24	748.71	NI	NI	NI	NI	NI	NI	NI	NI
MW-23S	748.68	748.13	NI	NI	NI	NI	NI	NI	NI	NI
MW-24S	751.03	753.74	NI	NI	NI	NI	NI	NI	NI	NI
MW-25S	752.23	755.19	NI	NI	NI	NI	NI	NI	NI	NI
MW-26S	750.25	749.86	NI	NI	NI	NI	NI	NI	NI	NI
MW-27S	750.10	752.95	NI	NI	NI	NI	NI	NI	NI	NI
MW-28S	751.51	751.08	NI	NI	NI	NI	NI	NI	NI	NI

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Table 2
Summary of Groundwater Elevations
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, OH

Location	*Top of Ground Surface Elev. (feet AMSL)*	*Reference Elevation (feet AMSL)*	*Field Measurement August 18, 2011 (feet btor)*	*Groundwater Level August 18, 2011 (feet AMSL)*	*Field Measurement November 30, 2011 (feet btor)*	*Groundwater Level November 30, 2011 (feet AMSL)*	*Field Measurement February 28, 2012 (feet btor)*	*Groundwater Level February 28, 2012 (feet AMSL)*	*Field Measurement June 15, 2012 (feet btor)*	*Groundwater Level June 15, 2012 (feet AMSL)*
Bedrock Unit										
P-1	748.47	749.57	NM (2)	NM (2)	7.45	742.12	7.95	741.62	10.61	738.96
P-2	746.82	748.87	4.52	744.35	3.13	745.74	3.41	745.46	5.28	743.59
P-3R	746.45	748.87	3.61	745.26	2.85	746.02	3.01	745.86	4.84	744.03
P-5R	750.10	752.59	9.82	742.77	8.62	743.97	9.01	743.58	10.44	742.15
P-5SR	750.00	752.64	9.41	743.23	8.41	744.23	8.75	743.89	10.25	742.39
P-8R	748.58	751.09	5.51	745.58	4.50	746.59	5.05	746.04	6.40	744.69
P-12		751.83	4.75	747.08	3.45	748.38	3.81	748.02	5.35	746.48
P-13		750.94	NM	NM	NM	NM	NM	NM	NM	NM
P-14	749.28	751.64	4.59	747.05	3.18	748.46	3.23	748.41	5.83	745.81
P-15	751.31	753.73	6.29	747.44	4.11	749.62	4.35	749.38	7.20	746.53
P-16	745.03	747.62	7.28	740.34	5.38	742.24	5.71	741.91	8.28	739.34
P-17	752.16	754.96	7.82	747.14	5.28	749.68	5.51	749.45	8.35	746.61
P-18	748.47	751.35	6.06	745.29	3.94	747.41	4.37	746.98	5.51	745.84
P-19	747.59	750.24	5.88	744.36	4.65	745.59	4.70	745.54	5.68	744.56
P-20	745.98	748.94	NM (2)	NM (2)	4.75	744.19	5.15	743.79	8.22	740.72
P-21	748.40	751.35	8.06	743.29	6.59	744.76	7.29	744.06	8.91	742.44
MW-15R	746.81	749.95	4.51	745.44	3.26	746.69	4.05	745.90	8.20	741.75
MW-16R	749.37	751.97	8.23	743.74	7.11	744.86	7.45	744.52	9.01	742.96
MW-18	746.57	749.19	NI	NI	NI	NI	NI	NI	7.41	741.78
MW-19	744.76	747.44	NI	NI	NI	NI	NI	NI	11.01	736.43
MW-20	749.50	752.13	NI	NI	NI	NI	NI	NI	7.20	744.93
FD-04	745.37	747.57	5.91	741.66	4.59	742.98	5.05	742.52	7.03	740.54
FD-08R	743.20	745.71	12.41	733.30	10.93	734.78	10.82	734.89	12.40	733.31
FD-09	744.42	747.05	14.21	732.84	10.75	736.30	10.81	736.24	14.10	732.95
FD-11	743.14	745.42	NI	NI	NI	NI	NI	NI	NI	NI
MW-21D	750.67	750.25	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	749.18	748.60	NI	NI	NI	NI	NI	NI	NI	NI
MW-23D	748.85	748.38	NI	NI	NI	NI	NI	NI	NI	NI
MW-25D	752.24	755.07	NI	NI	NI	NI	NI	NI	NI	NI
MW-26D	750.31	749.94	NI	NI	NI	NI	NI	NI	NI	NI
MW-27D	750.23	752.86	NI	NI	NI	NI	NI	NI	NI	NI
MW-28D	751.29	750.99	NI	NI	NI	NI	NI	NI	NI	NI

Notes and Abbreviations:
feet AMSL
feet btor
NA - not available
NM - not monitored this date
NI - not installed

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Table 2
Summary of Groundwater Elevations
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, OH

Location	*Field Measurement March 27, 2013 (feet btor)*	*Groundwater Level March 27, 2013 (feet AMSL)*	*Field Measurement June 21, 2013 (feet btor)*	*Groundwater Level June 21, 2013 (feet AMSL)*	*Field Measurement March 14, 2014 (feet btor)*	*Groundwater Level March 14, 2014 (feet AMSL)*	*Field Measurement September 2, 2014 (feet btor)*	*Groundwater Level September 2, 2014 (feet AMSL)*	*Field Measurement** April 27, 2015 (feet btor)*	*Groundwater Level** April 27, 2015 (feet AMSL)*
Till Contact										
P-1T	6.75	742.99	7.15	742.59	5.10	744.64	10.39	739.35	NA	743.40
P-2T	4.51	745.29	6.12	743.68	3.68	746.12	5.96	743.84	NA	744.62
P-3T	2.92	745.85	4.98	743.79	2.35	746.42	4.61	744.16	NA	745.68
P-8T	5.35	745.78	6.12	745.01	4.76	746.37	6.49	744.64	NA	745.78
P-11	4.91	744.61	7.51	742.01	4.39	745.13	7.05	742.47	NA	743.67
P-12TR	2.80	749.42	5.40	746.82	2.85	749.37	6.59	745.63	NA	748.97
P-13T	NM	NM	4.95	745.29	2.66	747.58	6.21	744.03	NA	747.21
P-14T	3.21	748.47	5.40	746.28	3.03	748.65	5.70	745.98	NA	748.20
P-15T	4.41	749.18	6.95	746.64	3.82	749.77	8.18	745.41	NA	749.20
P-16T	5.85	741.55	7.78	739.62	4.83	742.57	8.00	739.40	NA	741.48
P-18T	4.31	745.94	4.22	746.03	2.78	747.47	4.86	745.39	NA	747.26
P-21T	7.01	744.27	8.05	743.23	6.21	745.07	8.35	742.93	NA	744.21
MW-17	dry	dry	dry	dry	7.31	742.27	8.41	741.17	NA	NM
OW-1R	3.45	746.45	4.42	745.48	2.95	746.95	5.31	744.59	NA	NM
FD-01	3.01	742.11	5.54	739.58	2.70	742.42	9.28	735.84	NA	742.12
FD-02	3.35	741.33	6.02	738.66	3.10	741.58	10.92	733.76	NA	741.45
FD-03	3.61	742.59	5.51	740.69	3.41	742.79	5.41	740.79	NA	742.51
FD-05	11.35	742.34	11.71	741.98	10.80	742.89	11.71	741.98	NA	742.24
FD-06	7.15	746.12	7.90	745.37	6.87	746.40	8.01	745.26	NA	
FD-07	3.55	742.55	4.41	741.69	3.31	742.79	4.63	741.47	NA	742.94
FD-12	NI	NI	NI	NI	DRY	-	10.81	734.59	NA	734.55
FD-13	NI	NI	NI	NI	7.11	737.54	9.90	734.75	NA	734.77
FD-14	NI	NI	NI	NI	2.30	742.58	9.33	735.55	NA	742.10
MW-21S	4.21	746.37	4.90	745.68	4.01	746.57	5.21	745.37	NA	746.24
MW-22S	9.15	739.56	9.25	739.46	6.81	741.90	9.21	739.50	NA	739.41
MW-23S	5.78	742.35	6.33	741.80	5.43	742.70	7.11	741.02	NA	742.18
MW-24S	NI	NI	NI	NI	10.78	742.96	11.50	742.24	NA	742.30
MW-25S	NI	NI	NI	NI	10.36	744.83	10.88	744.31	NA	744.40
MW-26S	NI	NI	NI	NI	5.02	744.84	6.61	743.25	NA	743.69
MW-27S	NI	NI	NI	NI	8.91	744.04	10.08	742.87	NA	743.28
MW-28S	NI	NI	NI	NI	6.70	744.38	7.61	743.47	NA	743.41[+]

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Table 2
Summary of Groundwater Elevations
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, OH

Location	*Field Measurement March 27, 2013 (feet btor)*	*Groundwater Level March 27, 2013 (feet AMSL)*	*Field Measurement June 21, 2013 (feet btor)*	*Groundwater Level June 21, 2013 (feet AMSL)*	*Field Measurement March 14, 2014 (feet btor)*	*Groundwater Level March 14, 2014 (feet AMSL)*	*Field Measurement September 2, 2014 (feet btor)*	*Groundwater Level September 2, 2014 (feet AMSL)*	*Field Measurement** April 27, 2015 (feet btor)*	*Groundwater Level** April 27, 2015 (feet AMSL)*
Bedrock Unit										
P-1	8.31	741.26	9.21	740.36	4.98	744.59	10.8	738.77	NA	741.01
P-2	3.55	745.32	5.18	743.69	2.74	746.13	4.98	743.89	NA	744.99
P-3R	3.01	745.86	4.82	744.05	2.47	746.40	4.52	744.35	NA	745.71
P-5R	9.03	743.56	10.08	742.51	8.44	744.15	10.12	742.47	NA	743.66
P-5SR	8.81	743.83	9.83	742.81	8.21	744.43	10.21	742.43	NA	743.731
P-8R	5.02	746.07	6.01	745.08	4.47	746.62	6.2	744.89	NA	746.09
P-12	3.09	748.74	5.35	746.48	2.91	748.92	6.45	745.38	NA	748.91
P-13	NM	NM	NM	NM	2.71	748.23	6.26	744.68	NA	
P-14	3.32	748.32	5.42	746.22	2.96	748.68	5.71	745.93	NA	748.28
P-15	3.99	749.74	7.24	746.49	4.08	749.65	8.42	745.31	NA	749.06
P-16	6.05	741.57	7.99	739.63	5.19	742.43	8.59	739.03	NA	741.26
P-17	5.56	749.40	8.39	746.57	5.01	749.95	9.61	745.35	NA	749.35
P-18	3.25	748.10	5.63	745.72	4.00	747.35	6.05	745.30	NA	747.26
P-19	4.81	745.43	5.81	744.43	4.11	746.13	6.21	744.03	NA	745.98
P-20	5.45	743.49	8.35	740.59	4.58	744.36	8.69	740.25	NA	743
P-21	7.38	743.97	8.39	742.96	6.63	744.72	8.81	742.54	NA	743.89
MW-15R	3.78	746.17	8.71	741.24	3.15	746.80	6.91	743.04	NA	744.769
MW-16R	7.51	744.46	8.73	743.24	6.95	745.02	8.55	743.42	NA	744.063
MW-18	4.71	744.48	7.12	742.07	4.31	744.88	6.53	742.66	NA	743.749
MW-19	9.10	738.34	8.92	738.52	7.70	739.74	11.01	736.43	NA	735.464
MW-20	5.54	746.59	6.69	745.44	5.35	746.78	6.98	745.15	NA	746.502
FD-04	5.21	742.36	7.17	740.40	4.62	742.95	6.65	740.92	NA	742.41
FD-08R	11.25	734.46	12.41	733.30	10.1	735.61	13.32	732.39	NA	734.91
FD-09	10.81	736.24	13.92	733.13	10.65	736.40	14.01	733.04	NA	736.23
FD-11	NI	NI	NI	NI	2.55	742.87	7.62	737.80	NA	742.49
MW-21D	5.75	744.50	4.95	745.30	6.50	743.75	4.6	745.65	NA	745.92
MW-22D	8.90	739.70	9.04	739.56	8.82	739.78	9.05	739.55	NA	739.54
MW-23D	6.45	741.93	7.05	741.33	6.23	742.15	6.32	742.06	NA	741.64
MW-25D	NI	NI	NI	NI	10.08	744.99	11.01	744.06	NA	744.46
MW-26D	NI	NI	NI	NI	5.61	744.33	5.95	743.99	NA	743.79
MW-27D	NI	NI	NI	NI	9.07	743.79	10.12	742.74	NA	742.99
MW-28D	NI	NI	NI	NI	6.91	744.08	7.90	743.09	NA	743.41

Notes and Abbreviations:
feet AMSL
feet btor
NA - not available
NM - not monitored this date
NI - not installed

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			FD-01	FD-01	FD-01	FD-01	FD-01	FD-01	FD-01	FD-01	FD-02	FD-02	FD-02	FD-02
DATE		US EPA	8/29/2011	12/7/2011	3/5/2012	6/22/2012	4/3/2013	6/28/2013	3/25/2014	9/11/2014	8/29/2011	12/7/2011	3/5/2012	6/22/2012
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-082911-DN-33	WG-12616-120711-DN-37	WG-12616-030512-DN-31	GW-12616-062212-DN-35	WG-12616-040313-DN-36	WG-12616-062813-DN-36	WG-12616-032514-DN-49	WG-12616-091114-DN-52	WG-12616-082911-DN-32	WG-12616-120711-DN-36	WG-12616-030512-DN-32	GW-12616-062212-DN-36
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	**0.21 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	**0.30 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			FD-02	FD-02	FD-02	FD-02	FD-02	FD-03	FD-03	FD-03	FD-03	FD-03	FD-03	FD-03
DATE		US EPA	4/3/2013	6/28/2013	3/25/2014	9/11/2014	9/11/2014	8/29/2011	12/7/2011	3/5/2012	6/22/2012	4/3/2013	6/28/2013	3/25/2014
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	FD	N	N	N	N	N	N	N	FD
LABORATORY IDENTIFICATION			WG-12616-040313-DN-37	WG-12616-062813-DN-37	WG-12616-032514-DN-50	WG-12616-091114-DN-54	WG-12616-091114-DN-53	WG-12616-082911-DN-34	WG-12616-120711-DN-35	WG-12616-030512-DN-33	GW-12616-062212-DN-37	WG-12616-040313-DN-38	WG-12616-062813-DN-38	WG-12616-032514-DN-52
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			FD-03	FD-03	FD-04	FD-04	FD-04	FD-04	FD-04	FD-04	FD-04	FD-04	FD-05	FD-05
DATE		US EPA	3/25/2014	9/11/2014	8/29/2011	12/7/2011	3/5/2012	6/22/2012	4/3/2013	6/28/2013	3/25/2014	9/11/2014	8/29/2011	12/7/2011
SAMPLE TYPE		MAXIMUM	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION	UNIT	CONTAMINANT LEVEL (MCL)	WG-12616-032514-DN-51	WG-12616-091114-DN-55	WG-12616-082911-DN-35	WG-12616-120711-DN-34	WG-12616-030512-DN-34	GW-12616-062212-DN-38	WG-12616-040313-DN-39	WG-12616-062813-DN-39	WG-12616-032514-DN-53	WG-12616-091114-DN-56	WG-12616-082911-DN-29	WG-12616-120711-DN-31
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	3.3 U	8.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	17 U	40 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	17 U	40 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	17 U	40 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	17 U	40 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	**0.85 J**	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	**66**	**96** [A]
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	17 U	40 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	20 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	5.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.7 U	4.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	**4.3**	**5.4**
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	4.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	**0.36 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**35** [A]	**36** [A]
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 U	3.3 U	8.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			FD-05	FD-05	FD-05	FD-05	FD-05	FD-05	FD-05	FD-05	FD-06	FD-06	FD-06	FD-06
DATE		US EPA	3/2/2012	3/2/2012	6/21/2012	4/2/2013	6/27/2013	6/27/2013	3/25/2014	9/11/2014	8/29/2011	12/7/2011	3/2/2012	6/21/2012
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	FD	N	N	N	FD	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-030212-DN-30	WG-12616-030212-DN-26	GW-12616-062112-DN-34	WG-12616-040213-DN-34	WG-12616-062713-DN-31	WG-12616-062713-DN-30	WG-12616-032514-DN-46	WG-12616-091114-DN-50	WG-12616-082911-DN-27	WG-12616-120711-DN-30	WG-12616-030212-DN-25	GW-12616-062112-DN-29
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	3.3 U	3.3 U	4.0 U	4.0 U	3.3 U	3.3 U	3.3 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	17 U	17 U	20 U	20 U	17 U	17 U	17 U	20 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	17 U	17 U	20 U	20 U	17 U	17 U	17 U	20 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	17 U	17 U	20 U	20 U	17 U	17 U	17 U	20 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	17 U	17 U	20 U	20 U	17 U	17 U	17 U	20 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**60**	**59**	51	**59**	**53**	**54**	**81** [A]	**51**	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	17 U	17 U	20 U	20 U	17 U	17 U	17 U	20 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	8.3 U	8.3 U	10 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	**3.4**	**3.5**	**2.7**	**3.4**	**3.5**	**3.8**	**5.0**	**3.3**	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	**0.19 J**
Trichlorofluoromethane (CFC-11)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.7 U	1.7 U	2.0 U	2.0 U	1.7 U	1.7 U	1.7 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	**0.81 J**	**0.83 J**	**12** [A]	**1.0 J**	**8.7** [A]	**9.0** [A]	**0.37 J**	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	3.3 U	3.3 U	4.0 U	4.0 U	3.3 U	3.3 U	3.3 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	FD-06 4/2/2013 N WG-12616-040213-DN-33	FD-06 6/27/2013 N WG-12616-062713-DN-29	FD-06 3/25/2014 N WG-12616-032514-DN-45	FD-06 9/10/2014 N WG-12616-091014-DN-49	FD-07 8/24/2011 N WG-12616-082411-DN-08	FD-07 12/5/2011 N WG-12616-120511-DN-18	FD-07 3/1/2012 N WG-12616-030112-DN-17	FD-07 6/20/2012 N GW-12616-062012-DN-19	FD-07 3/29/2013 N WG-12616-032913-DN-19	FD-07 6/24/2013 N WG-12616-062413-DN-04	FD-07 3/20/2014 N WG-12616-032014-DN-22	FD-07 9/2/2014 N WG-12616-090214-DN-02
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	**1.9 J**	**7.4 J**	**3.0 J**	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			FD-08	FD-08R	FD-08R	FD-08R	FD-08R	FD-08R	FD-08R	FD-08R	FD-09	FD-09	FD-09	FD-09
DATE		US EPA	3/29/2013	8/24/2011	12/5/2011	3/1/2012	6/20/2012	6/24/2013	3/20/2014	9/2/2014	12/6/2011	3/1/2012	6/20/2012	4/1/2013
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-032913-DN-20	WG-12616-082411-DN-09	WG-12616-120511-DN-19	WG-12616-030112-DN-18	GW-12616-062012-DN-20	WG-12616-062413-DN-05	WG-12616-032014-DN-23	WG-12616-090214-DN-03	WG-12616-120611-DN-20	WG-12616-030112-DN-19	GW-12616-062012-DN-21	WG-12616-040113-DN-21
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	**1.4 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			FD-09	FD-09	FD-11	FD-11	FD-13	FD-14	FD-14	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R
DATE		US EPA	6/24/2013	3/20/2014	3/20/2014	9/3/2014	3/20/2014	3/20/2014	9/3/2014	8/29/2011	8/29/2011	12/7/2011	3/2/2012	6/21/2012
SAMPLE TYPE		MAXIMUM	N	N	N	N	N	N	N	FD	N	N	N	FD
	UNIT	CONTAMINANT LEVEL (MCL)												
LABORATORY IDENTIFICATION			WG-12616-062413-DN-06	WG-12616-032014-DN-24	WG-12616-032014-DN-25	WG-12616-090314-DN-04	WG-12616-032014-DN-27	WG-12616-032014-DN-26	WG-12616-090314-DN-05	WG-12616-082911-DN-31	WG-12616-082911-DN-30	WG-12616-120711-DN-32	WG-12616-030212-DN-27	GW-12616-062112-DN-31
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.1**	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.46 J**	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.36 J**
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.22 J**	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	MW-15R 6/21/2012 N GW-12616-062112-DN-30	MW-15R 4/2/2013 N WG-12616-040213-DN-35	MW-15R 6/28/2013 N WG-12616-062813-DN-35	MW-15R 3/25/2014 N WG-12616-032514-DN-47	MW-15R 9/11/2014 N WG-12616-091114-DN-51	MW-16R 8/29/2011 N WG-12616-082911-DN-28	MW-16R 12/7/2011 N WG-12616-120711-DN-33	MW-16R 3/2/2012 N WG-12616-030212-DN-28	MW-16R 6/21/2012 N GW-12616-062112-DN-32	MW-16R 4/2/2013 N WG-12616-040213-DN-32	MW-16R 6/27/2013 N WG-12616-062713-DN-32	MW-16R 3/24/2014 N WG-12616-032414-DN-44
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.15 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.8**	**1.3**	**0.57 J**	**2.4**	**0.56 J**	**1.7**	**0.46 J**
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	**0.32 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**31** [A]	**9.4** [A]	**0.60 J**	**16** [A]	**2.1** [A]	**11** [A]	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			MW-16R	MW-17	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18	MW-19	MW-19	MW-19	MW-19
DATE		US EPA	9/10/2014	3/25/2014	6/22/2012	4/2/2013	4/2/2013	6/28/2013	3/24/2014	9/10/2014	6/22/2012	4/2/2013	6/28/2013	3/24/2014
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	FD	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-091014-DN-48	WG-12616-032514-DN-48	GW-12616-062212-DN-40	WG-12616-040213-DN-31	WG-12616-040213-DN-30	WG-12616-062813-DN-33	WG-12616-032414-DN-43	WG-12616-091014-DN-47	GW-12616-062212-DN-33	WG-12616-040213-DN-29	WG-12616-062813-DN-34	WG-12616-032414-DN-42
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	**10 R**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.33 J**	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**0.83 J**	1.0 U	5.4	**1.2**	**1.1**	**1.8**	**1.1**	**2.1**	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	**0.42 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.26 J**	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	6.2 [A]	1.0 U	4.7 [A]	**0.64 J**	**0.52 J**	3.3 [A]	1.0 U	3.6 [A]	3.4 [A]	2.6 [A]	6.3 [A]	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			MW-19	MW-20	MW-20	MW-21D	MW-21D	MW-21D	MW-21D	MW-21S	MW-21S	MW-21S	MW-21S	MW-22D
DATE		US EPA	9/10/2014	6/20/2012	9/8/2014	4/3/2013	6/28/2013	3/26/2014	9/8/2014	4/3/2013	6/29/2013	3/26/2014	9/8/2014	4/3/2013
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-091014-DN-46	GW-12616-062012-DN-24	WG-12616-090814-DN-25	WG-12616-040313-DN-44	WG-12616-062813-DN-40	WG-12616-032614-DN-54	WG-12616-090814-DN-27	WG-12616-040313-DN-45	WG-12616-062913-DN-41	WG-12616-032614-DN-55	WG-12616-090814-DN-26	WG-12616-040313-DN-42
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.7 J**
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	**0.38 J**	**0.53 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**130** [A]
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**55**
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Trichloroethene	ug/L	5	1.0 U	**0.49 J**	1.0 U	**1.4**	1.0 U	1.0 U	1.0 U	**0.79 J**	1.0 U	1.0 U	1.0 U	**13** [A]
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Vinyl chloride	ug/L	2	**0.40 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**13** [A]
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	10 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			MW-22D	MW-22D	MW-22D	MW-22S	MW-22S	MW-22S	MW-22S	MW-23D	MW-23D	MW-23D	MW-23D	MW-23S
DATE		US EPA	6/29/2013	3/26/2014	9/8/2014	4/3/2013	6/29/2013	3/26/2014	9/8/2014	4/3/2013	6/29/2013	3/26/2014	9/8/2014	4/3/2013
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-062913-DN-43	WG-12616-032614-DN-57	WG-12616-090814-DN-29	WG-12616-040313-DN-43	WG-12616-062913-DN-42	WG-12616-032614-DN-56	WG-12616-090814-DN-28	WG-12616-040313-DN-40	WG-12616-062913-DN-45	WG-12616-032614-DN-58	WG-12616-090814-DN-31	WG-12616-040313-DN-41
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,1-Dichloroethane	ug/L	-	**2.5 J**	**2.7 J**	**2.8**	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,1-Dichloroethene	ug/L	7	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	6.7 U	8.0 U	5.0 U	50 U	40 U	6.7 U	67 U	10 U	20 U	14 U	25 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,2-Dichloroethane	ug/L	5	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,2-Dichloropropane	ug/L	5	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	33 U	40 U	25 U	250 U	200 U	33 U	330 U	50 U	100 U	71 U	130 U	10 U
2-Hexanone	ug/L	-	33 U	40 U	25 U	250 U	200 U	33 U	330 U	50 U	100 U	71 U	130 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	33 U	40 U	25 U	250 U	200 U	**1.2 J**	330 U	50 U	100 U	71 U	130 U	10 U
Acetone	ug/L	-	33 U	40 U	25 U	250 U	200 U	33 U	330 U	50 U	100 U	71 U	130 U	10 U
Benzene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Bromodichloromethane	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Bromoform	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Carbon disulfide	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Carbon tetrachloride	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Chlorobenzene	ug/L	100	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Chloroethane	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**110** [A]	**100** [A]	**96** [A]	**780** [A]	**620** [A]	**87** [A]	**830** [A]	**170** [A]	**160** [A]	**86** [A]	**57**	**9.9**
cis-1,3-Dichloropropene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Cyclohexane	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Dibromochloromethane	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Ethylbenzene	ug/L	700	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Isopropyl benzene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Methyl acetate	ug/L	-	33 U	40 U	25 U	250 U	200 U	33 U	330 U	50 U	100 U	71 U	130 U	10 U
Methyl cyclohexane	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Methylene chloride	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	28 U	3.3 U	33 U	5.0 U	16 U	7.1 U	13 U	1.0 U
Styrene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Tetrachloroethene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Toluene	ug/L	1000	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	**48**	**49**	**34**	**73**	**37**	**17**	**77**	**16**	**17**	**14**	**17**	**2.7**
trans-1,3-Dichloropropene	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Trichloroethene	ug/L	5	**11** [A]	**6.3** [A]	**3.0**	**490** [A]	**340** [A]	**61** [A]	33 U	5.0 U	10 U	7.1 U	13 U	**0.51 J**
Trichlorofluoromethane (CFC-11)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	3.3 U	4.0 U	2.5 U	25 U	20 U	3.3 U	33 U	5.0 U	10 U	7.1 U	13 U	1.0 U
Vinyl chloride	ug/L	2	**12** [A]	**12** [A]	**28** [A]	**29** [A]	**27** [A]	**95** [A]	**1200** [A]	**190** [A]	**230** [A]	**240** [A]	**420** [A]	**15** [A]
Xylenes (total)	ug/L	10000	6.7 U	8.0 U	5.0 U	50 U	40 U	6.7 U	67 U	10 U	20 U	14 U	25 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35 [A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	MW-23S 6/29/2013 N WG-12616-062913-DN-44	MW-23S 3/26/2014 N WG-12616-032614-DN-59	MW-23S 9/8/2014 N WG-12616-090814-DN-30	MW-24S 3/17/2014 N WG-12616-031714-DN-03	MW-24S 9/9/2014 N WG-12616-090914-DN-39	MW-25D 3/17/2014 N WG-12616-031714-DN-02	MW-25D 9/9/2014 N WG-12616-090914-DN-41	MW-25S 3/17/2014 N WG-12616-031714-DN-01	MW-25S 9/9/2014 N WG-12616-090914-DN-40	MW-26D 3/17/2014 N WG-12616-031714-DN-04	MW-26D 9/9/2014 N WG-12616-090914-DN-38	MW-26S 3/17/2014 N WG-12616-031714-DN-05
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	**4.9**	**10**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	**1.1**	**1.9**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	**12**	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.14 J**	1.0 U	**0.61 J**	**0.24 J**	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	**0.22 J**	1.0 U	1.0 U	**0.62 J**	1.0 U	1.0 U	1.0 U	**0.86 J**	**0.22 J**
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**6.6**	**0.66 J**	4.1	1.0 U	**0.46 J**	1.0 U	1.0 U	1.0 U	1.0 U	**5.0**	**7.1**	**2.9**
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.17 J**	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.39 J**	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	**1.1**	1.0 U	**0.65 J**	**0.27 J**	**0.31 J**	1.0 U	1.0 U	1.0 U	1.0 U	**1.1**	**1.1**	**0.69 J**
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	**1.5**	1.0 U	**0.22 J**	**2.4**	**4.5**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	**10** [A]	**0.54 J**	**14** [A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**9.6** [A]	**24** [A]	**6.8** [A]
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			MW-26S	MW-27D	MW-27D	MW-27S	MW-27S	MW-28D	MW-28D	MW-28D	MW-28S	MW-28S	P-01	P-01
DATE			9/9/2014	3/17/2014	9/9/2014	3/18/2014	9/8/2014	3/18/2014	9/9/2014	9/9/2014	3/18/2014	9/9/2014	12/6/2011	3/1/2012
SAMPLE TYPE			N	N	N	N	N	N	FD	N	N	N	N	N
LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	WG-12616-090914-DN-37	WG-12616-031714-DN-06	WG-12616-090914-DN-33	WG-12616-031814-DN-07	WG-12616-090814-DN-32	WG-12616-031814-DN-08	WG-12616-090914-DN-36	WG-12616-090914-DN-35	WG-12616-031814-DN-09	WG-12616-090914-DN-34	WG-12616-120611-DN-28	WG-12616-030112-DN-20
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.46 J**	**0.41 J**	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.45 J**	**0.79 J**	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	**0.69 J**	10 U	**5.7 J**	**4.3 J**	**4.3 J**	**4.7 J**	**4.9 J**	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	**42**	**44**	**42**	**37**	**53**	10 U	10 U
Benzene	ug/L	-	1.0 U	**0.49 J**	1.0 U	**0.19 J**	1.0 U	**0.20 J**	1.0 U	1.0 U	**0.68 J**	**0.72 J**	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	**0.34 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.5**	**1.2**	**1.4**	**1.6**	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	**0.60 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**2.9**	1.0 U	1.0 U	1.0 U	1.0 U	**10**	**15**	**14**	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.39 J**	1.0 U	1.0 U	**1.5**	**1.5**	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.48 J**	**0.50 J**	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.25 J**	1.0 U	1.0 U	**1.1**	**0.84 J**	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.36 J**	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.59 J**	**0.35 J**	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	**0.19 J**	1.0 U	**0.14 J**	1.0 U	**0.26 J**	1.0 U	1.0 U	**1.3**	**1.9**	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.4**	**3.6**	**3.4**	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.6** [A]	**2.0**	**1.9**	**1.1**	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	**28** [A]	1.0 U	1.0 U	1.0 U	1.0 U	**4.6** [A]	**13** [A]	**12** [A]	1.0 U	1.0 U	**5.0** [A]	**0.56 J**
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**3.4**	**3.1**	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION		US EPA	P-01	P-01	P-01	P-01	P-01	P-01T	P-01T	P-01T	P-01T	P-01T	P-01T	P-01T
DATE		MAXIMUM	6/21/2012	4/2/2013	6/27/2013	3/24/2014	9/10/2014	12/6/2011	3/1/2012	3/1/2012	6/21/2012	4/2/2013	6/27/2013	3/24/2014
SAMPLE TYPE	UNIT	CONTAMINANT	N	N	N	N	N	N	FD	N	N	N	N	N
LABORATORY IDENTIFICATION		LEVEL (MCL)	GW-12616-062112-DN-27	WG-12616-040213-DN-27	WG-12616-062713-DN-28	WG-12616-032414-DN-41	WG-12616-091014-DN-45	WG-12616-120611-DN-29	WG-12616-030112-DN-22	WG-12616-030112-DN-21	GW-12616-062112-DN-28	WG-12616-040213-DN-28	WG-12616-062713-DN-27	WG-12616-032414-DN-40
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.20 J**	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	**0.44 J**	1.0 U	**0.61 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.31 J**	1.0 U	**0.85 J**	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	6.4 [A]	**0.26 J**	2.3 [A]	1.0 U	**1.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-01T	P-02	P-02	P-02	P-02	P-02	P-02	P-02	P-02	P-02T	P-02T	P-02T
DATE		US EPA	9/10/2014	8/24/2011	12/2/2011	2/29/2012	6/18/2012	3/28/2013	6/25/2013	3/19/2014	9/4/2014	8/24/2011	12/2/2011	2/29/2012
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	FD
LABORATORY IDENTIFICATION			WG-12616-091014-DN-44	WG-12616-082411-DN-05	WG-12616-120211-DN-14	WG-12616-022912-DN-10	GW-12616-061812-DN-08	WG-12616-032813-DN-09	WG-12616-062513-DN-12	WG-12616-031914-DN-19	WG-12616-090414-DN-10	WG-12616-082411-DN-06	WG-12616-120211-DN-15	WG-12616-022912-DN-12
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	P-02T 2/29/2012 N WG-12616-022912-DN-11	P-02T 6/18/2012 N GW-12616-061812-DN-09	P-02T 3/28/2013 N WG-12616-032813-DN-08	P-02T 6/25/2013 N WG-12616-062513-DN-13	P-02T 3/19/2014 N WG-12616-031914-DN-18	P-02T 9/4/2014 N WG-12616-090414-DN-11	P-03R 8/25/2011 N WG-12616-082511-DN-14	P-03R 12/1/2011 N WG-12616-120111-DN-07	P-03R 3/1/2012 N WG-12616-030112-DN-15	P-03R 6/18/2012 N GW-12616-061812-DN-07	P-03R 3/28/2013 N WG-12616-032813-DN-06	P-03R 6/24/2013 N WG-12616-062413-DN-09
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	**1.2 J**	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-03R	P-03R	P-03T	P-03T	P-03T	P-03T	P-03T	P-03T	P-03T	P-03T	P-03T	P-03T
DATE		US EPA	3/19/2014	9/4/2014	8/25/2011	12/1/2011	3/1/2012	6/18/2012	3/28/2013	6/25/2013	6/25/2013	3/19/2014	9/4/2014	9/4/2014
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	FD	N	N	FD	N
LABORATORY IDENTIFICATION			WG-12616-031914-DN-16	WG-12616-090414-DN-14	WG-12616-082511-DN-13	WG-12616-120111-DN-06	WG-12616-030112-DN-16	GW-12616-061812-DN-06	WG-12616-032813-DN-07	WG-12616-062513-DN-11	WG-12616-062513-DN-10	WG-12616-031914-DN-17	WG-12616-090414-DN-13	WG-12616-090414-DN-12
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	**1.5 J**	10 U	10 U	10 U	**1.4 J**	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-05R	P-05R	P-05R	P-05R	P-05R	P-05R	P-05R	P-05R	P-05SR	P-05SR	P-05SR	P-05SR
DATE		US EPA	8/26/2011	12/6/2011	3/2/2012	6/21/2012	4/1/2013	6/27/2013	3/24/2014	9/10/2014	8/26/2011	12/6/2011	12/6/2011	3/2/2012
SAMPLE TYPE		MAXIMUM	N	N	N	N	N	N	N	N	N	FD	N	N
	UNIT	CONTAMINANT LEVEL (MCL)												
LABORATORY IDENTIFICATION			WG-12616-082611-DN-26	WG-12616-120611-DN-27	WG-12616-030212-DN-23	GW-12616-062112-DN-25	WG-12616-040113-DN-25	WG-12616-062713-DN-25	WG-12616-032414-DN-38	WG-12616-091014-DN-42	WG-12616-082611-DN-25	WG-12616-120611-DN-38	WG-12616-120611-DN-25	WG-12616-030212-DN-24
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	18 U	20 U	**3.0 J**	20 U	**4.8 J**	13 U	**2.9 J**	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	36 U	40 U	29 U	40 U	25 U	25 U	29 U	27 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	180 U	200 U	140 U	200 U	130 U	130 U	140 U	130 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	180 U	200 U	140 U	200 U	130 U	130 U	140 U	130 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	180 U	200 U	140 U	200 U	130 U	130 U	140 U	130 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	180 U	200 U	140 U	200 U	130 U	**25 J**	140 U	130 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**450** [A]	**360** [A]	**340** [A]	**370** [A]	**390** [A]	**380** [A]	**360** [A]	**460** [A]	**4.5**	**11**	**10**	**7.9**
cis-1,3-Dichloropropene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	180 U	200 U	140 U	200 U	130 U	130 U	140 U	130 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	91 U	100 U	71 U	100 U	13 U	13 U	14 U	13 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	18 U	29 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	**220** [A]	**190** [A]	**170** [A]	**160** [A]	**190** [A]	**190** [A]	**170** [A]	**180** [A]	1.0 U	**5.2**	**5.0**	**5.4**
trans-1,3-Dichloropropene	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	**580** [A]	**420** [A]	**380** [A]	**410** [A]	**410 J** [A]	**460** [A]	**410** [A]	**500** [A]	1.0 U	**20** [A]	**18** [A]	**22** [A]
Trichlorofluoromethane (CFC-11)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	18 U	20 U	14 U	20 U	13 U	13 U	14 U	13 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	**55** [A]	**57** [A]	**71** [A]	**57** [A]	**140** [A]	**95** [A]	**74** [A]	**79** [A]	**0.82 J**	**1.5**	**1.4**	**1.3**
Xylenes (total)	ug/L	10000	36 U	40 U	29 U	40 U	25 U	25 U	29 U	27 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35 [A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	P-05SR 6/21/2012 N GW-12616-062112-DN-26	P-05SR 4/1/2013 N WG-12616-040113-DN-26	P-05SR 6/27/2013 N WG-12616-062713-DN-26	P-05SR 3/24/2014 N WG-12616-032414-DN-39	P-05SR 9/10/2014 N WG-12616-091014-DN-43	P-08R 8/26/2011 N WG-12616-082611-DN-22	P-08R 12/6/2011 N WG-12616-120611-DN-23	P-08R 3/6/2012 N WG-12616-030612-DN-35	P-08R 6/19/2012 N GW-12616-061912-DN-15	P-08R 3/29/2013 N WG-12616-032913-DN-15	P-08R 6/26/2013 N WG-12616-062613-DN-18	P-08R 3/21/2014 FD WG-12616-032114-DN-31
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	**1.2 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.1 J**	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**2.9**	**2.9**	**4.6**	**2.6**	**3.7**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	**1.5**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	**0.26 J**	**7.9** [A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	**0.45 J**	1.0 U	**0.30 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION		US EPA	P-08R	P-08R	P-08T	P-08T	P-08T	P-08T	P-08T	P-08T	P-08T	P-08T	P-08T	P-08T
DATE		MAXIMUM	3/21/2014	9/5/2014	8/26/2011	8/26/2011	12/6/2011	3/6/2012	3/6/2012	6/19/2012	3/29/2013	6/26/2013	3/21/2014	9/5/2014
SAMPLE TYPE	UNIT	CONTAMINANT	N	N	FD	N	N	FD	N	N	N	N	N	N
LABORATORY IDENTIFICATION		LEVEL (MCL)	WG-12616-032114-DN-30	WG-12616-090514-DN-19	WG-12616-082611-DN-23	WG-12616-082611-DN-19	WG-12616-120611-DN-24	WG-12616-030612-DN-37	WG-12616-030612-DN-36	GW-12616-061912-DN-16	WG-12616-032913-DN-16	WG-12616-062613-DN-19	WG-12616-032114-DN-32	WG-12616-090514-DN-20
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**2.8 J**	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	P-12 8/25/2011 N WG-12616-082511-DN-12	P-12 12/2/2011 FD WG-12616-120211-DN-11	P-12 12/2/2011 N WG-12616-120211-DN-10	P-12 2/29/2012 N WG-12616-022912-DN-07	P-12 6/20/2012 N GW-12616-062012-DN-17	P-12 3/29/2013 N WG-12616-032913-DN-17	P-12 6/26/2013 N WG-12616-062613-DN-20	P-12 3/21/2014 N WG-12616-032114-DN-33	P-12 9/5/2014 N WG-12616-090514-DN-24	P-12TR 8/25/2011 FD WG-12616-082511-DN-11	P-12TR 8/25/2011 N WG-12616-082511-DN-10	P-12TR 12/2/2011 N WG-12616-120211-DN-09
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	**2.0 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**4.4 J**	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.16 J**	**0.16 J**	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	P-12TR 2/29/2012 N WG-12616-022912-DN-06	P-12TR 6/20/2012 N GW-12616-062012-DN-18	P-12TR 3/29/2013 N WG-12616-032913-DN-18	P-12TR 6/26/2013 N WG-12616-062613-DN-21	P-12TR 3/21/2014 N WG-12616-032114-DN-34	P-12TR 9/5/2014 N WG-12616-090514-DN-23	P-14 8/25/2011 N WG-12616-082511-DN-17	P-14 12/2/2011 N WG-12616-120211-DN-13	P-14 2/29/2012 N WG-12616-022912-DN-08	P-14 6/20/2012 N GW-12616-062012-DN-22	P-14 4/1/2013 N WG-12616-040113-DN-22	P-14 6/26/2013 N WG-12616-062613-DN-22
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	**1.6 J**	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**2.3**	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.8**	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**12** [A]	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-14	P-14	P-14T	P-14T	P-14T	P-14T	P-14T	P-14T	P-14T	P-14T	P-15	P-15
DATE		US EPA	3/21/2014	9/5/2014	8/26/2011	12/2/2011	2/29/2012	6/20/2012	4/1/2013	6/26/2013	3/21/2014	9/5/2014	8/23/2011	12/1/2011
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-032114-DN-35	WG-12616-090514-DN-21	WG-12616-082611-DN-18	WG-12616-120211-DN-12	WG-12616-022912-DN-09	GW-12616-062012-DN-23	WG-12616-040113-DN-23	WG-12616-062613-DN-23	WG-12616-032114-DN-36	WG-12616-090514-DN-22	WG-12616-082311-DN-01	WG-12616-120111-DN-02
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.1 J**	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.92 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.14 J**	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.96 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5.9** [A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	P-15 2/28/2012 N WG-12616-022812-DN-02	P-15 6/18/2012 N GW-12616-061812-DN-02	P-15 3/27/2013 N WG-12616-032713-DN-02	P-15 6/24/2013 N WG-12616-062413-DN-02	P-15 3/18/2014 N WG-12616-031814-DN-12	P-15 9/3/2014 N WG-12616-090314-DN-06	P-15T 8/23/2011 N WG-12616-082311-DN-02	P-15T 12/1/2011 N WG-12616-120111-DN-03	P-15T 2/28/2012 N WG-12616-022812-DN-03	P-15T 6/18/2012 N GW-12616-061812-DN-03	P-15T 3/27/2013 N WG-12616-032713-DN-03	P-15T 6/24/2013 N WG-12616-062413-DN-03
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	**2.9 J**	10 U	10 U	10 U	**1.3 J**	10 U	10 U	10 U	**2.3 J**	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.14 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-15T	P-15T	P-16	P-16	P-16	P-16	P-16	P-16	P-16	P-16	P-16	P-16T
DATE		US EPA	3/18/2014	9/3/2014	8/25/2011	12/5/2011	2/29/2012	6/19/2012	3/28/2013	3/28/2013	6/25/2013	3/19/2014	9/4/2014	8/25/2011
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	FD	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-031814-DN-13	WG-12616-090314-DN-07	WG-12616-082511-DN-15	WG-12616-120511-DN-16	WG-12616-022912-DN-13	GW-12616-061912-DN-10	WG-12616-032813-DN-11	WG-12616-032813-DN-10	WG-12616-062513-DN-14	WG-12616-031914-DN-20	WG-12616-090414-DN-15	WG-12616-082511-DN-16
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	**1.6 J**	10 U	10 U	10 U	**1.2 J**	**1.2 J**	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-16T	P-16T	P-16T	P-16T	P-16T	P-16T	P-16T	P-16T	P-18	P-18	P-18	P-18
DATE		US EPA	12/5/2011	3/1/2012	6/19/2012	6/19/2012	3/28/2013	6/25/2013	3/20/2014	9/4/2014	8/24/2011	12/1/2011	2/28/2012	6/18/2012
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	FD	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-120511-DN-17	WG-12616-030112-DN-14	GW-12616-061912-DN-12	WG-12616-061912-DN-11	WG-12616-032813-DN-12	WG-12616-062513-DN-15	WG-12616-032014-DN-21	WG-12616-090414-DN-16	WG-12616-082411-DN-03	WG-12616-120111-DN-05	WG-12616-022812-DN-05	GW-12616-061812-DN-04
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.14 J**	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION			P-18	P-18	P-18	P-18	P-18T	P-18T	P-18T	P-18T	P-18T	P-18T	P-18T	P-18T
DATE		US EPA	3/27/2013	6/24/2013	3/19/2014	9/3/2014	8/24/2011	12/1/2011	2/28/2012	6/18/2012	3/27/2013	6/24/2013	3/19/2014	9/3/2014
SAMPLE TYPE	UNIT	MAXIMUM CONTAMINANT LEVEL (MCL)	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION			WG-12616-032713-DN-05	WG-12616-062413-DN-08	WG-12616-031914-DN-15	WG-12616-090314-DN-08	WG-12616-082411-DN-04	WG-12616-120111-DN-04	WG-12616-022812-DN-04	GW-12616-061812-DN-05	WG-12616-032713-DN-04	WG-12616-062413-DN-07	WG-12616-031914-DN-14	WG-12616-090314-DN-09
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	**1.6 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.38 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	**0.15 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION		US EPA	P-20	P-20	P-20	P-21	P-21	P-21	P-21	P-21	P-21	P-21	P-21	P-21T
DATE		MAXIMUM	4/1/2013	6/26/2013	3/24/2014	8/26/2011	12/6/2011	3/6/2012	6/19/2012	3/28/2013	6/25/2013	3/20/2014	9/5/2014	8/26/2011
SAMPLE TYPE	UNIT	CONTAMINANT	N	N	N	N	N	N	N	N	N	N	N	N
LABORATORY IDENTIFICATION		LEVEL (MCL)	WG-12616-040113-DN-24	WG-12616-062613-DN-24	WG-12616-032414-DN-37	WG-12616-082611-DN-20	WG-12616-120611-DN-22	WG-12616-030612-DN-38	GW-12616-061912-DN-13	WG-12616-032813-DN-13	WG-12616-062513-DN-16	WG-12616-032014-DN-28	WG-12616-090514-DN-18	WG-12616-082611-DN-21
VOC (ug/L)														
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**1.4 J**	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	**0.41 J**	**0.42 J**	**0.25 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.27 J**
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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Table 3
Summary of Groundwater Sample Results
RFI Report - Groundwater Evaluation
RACER Trust
Elyria, Ohio

LOCATION DATE SAMPLE TYPE LABORATORY IDENTIFICATION	UNIT	US EPA MAXIMUM CONTAMINANT LEVEL (MCL)	P-21T 12/6/2011 FD WG-12616-120611-DN-26	P-21T 12/6/2011 N WG-12616-120611-DN-21	P-21T 3/6/2012 N WG-12616-030612-DN-39	P-21T 6/19/2012 N GW-12616-061912-DN-14	P-21T 3/29/2013 N WG-12616-032913-DN-14	P-21T 6/25/2013 N WG-12616-062513-DN-17	P-21T 3/21/2014 N WG-12616-032114-DN-29	P-21T 9/4/2014 N WG-12616-090414-DN-17
VOC (ug/L)										
1,1,1-Trichloroethane	ug/L	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	7	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	-	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	ug/L	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane (Methyl chloride)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	70	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	ug/L	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	ug/L	-	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1000	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	100	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	5	**0.29 J**	**0.26 J**	**0.27 J**	1.0 U	**0.17 J**	1.0 U	**0.21 J**	**0.20 J**
Trichlorofluoromethane (CFC-11)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	ug/L	-	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	10000	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

Notes and Abbreviations:
0.3: indicates detected value
35[A]: indicates the result is than MCL
N: indicates normal sample type
J: lab qualifer indicates estimated sample
U: indicate the sample is non-detected

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FIGURES

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LEGEND

- Sewer Inverts
- Inferred Potentiometric Surface
- Potentiometric Surface
- Bedrock Monitoring Wells
- Till Monitoring Wells
- Storm Sewers
- Site Boundary

NOTES

1. AERIAL IMAGE PROVIDED AS PART OF ESRI BASEMAP WORLD IMAGERY.

2. GROUNDWATER POTENTIOMETRIC SURFACE BASED UPON WATER LEVELS COLLECTED DURING THE APRIL 27, 2015 GAUGING EVENT.

3. ALL LOCATIONS AND ELEVATIONS BASED UPON A PRE-EXISTING SURVEY.

4. SEWER SURVEY INFORMATION UPDATED ON MAY 4, 2015.

DRAFT

N

0 100 200 300 400

SCALE IN FEET

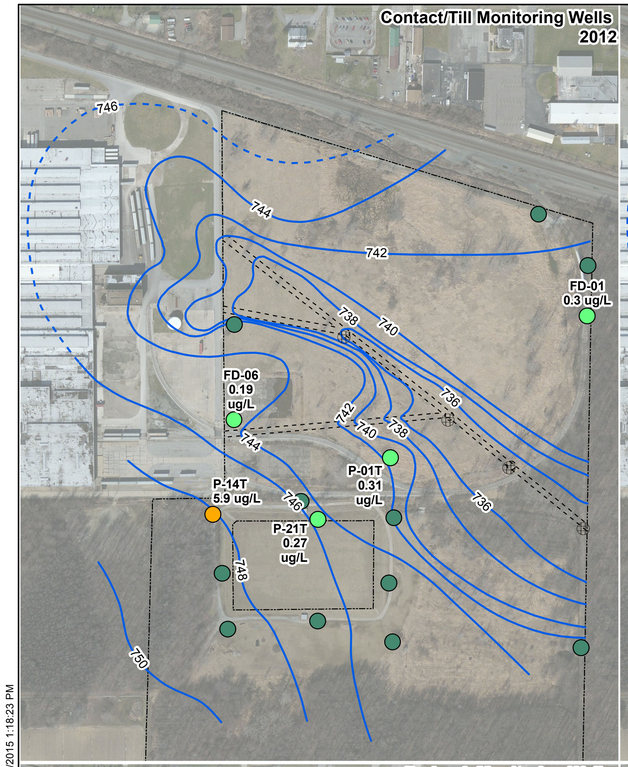
HALEY ALDRICH

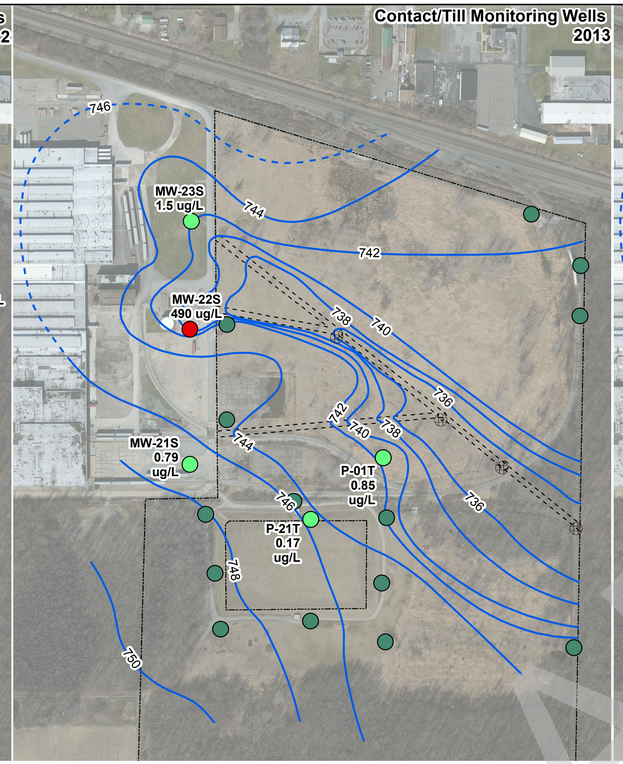
RACER ELYRIA
ELYRIA, OHIO

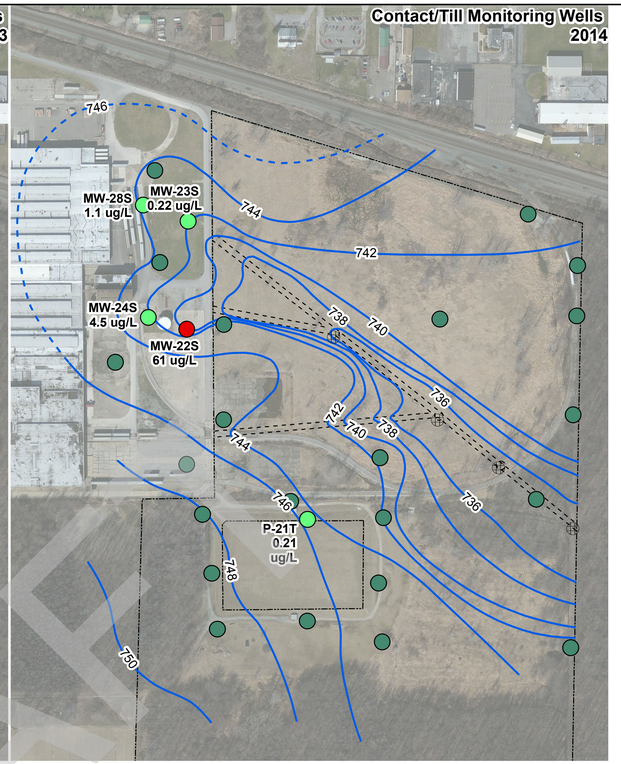
POTENTIOMETRIC SURFACE CONTOURS APRIL 2015

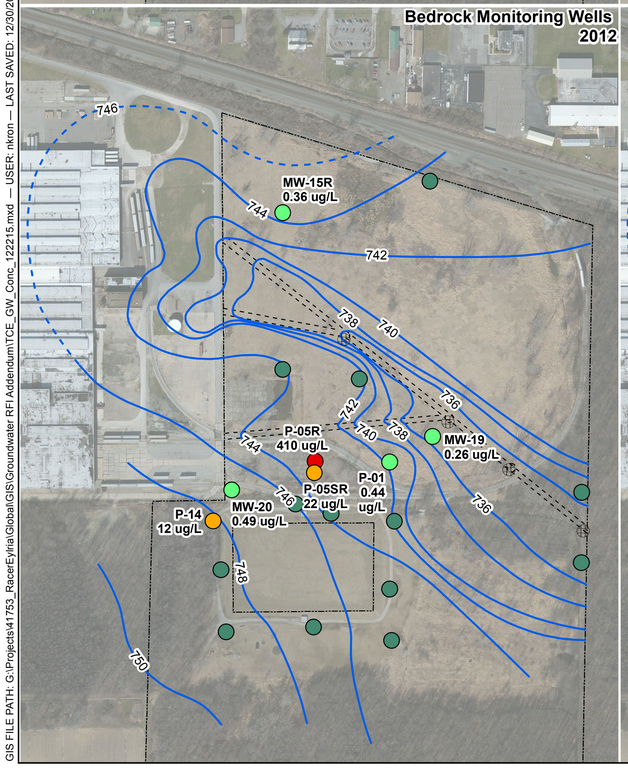
DECEMBER 2015

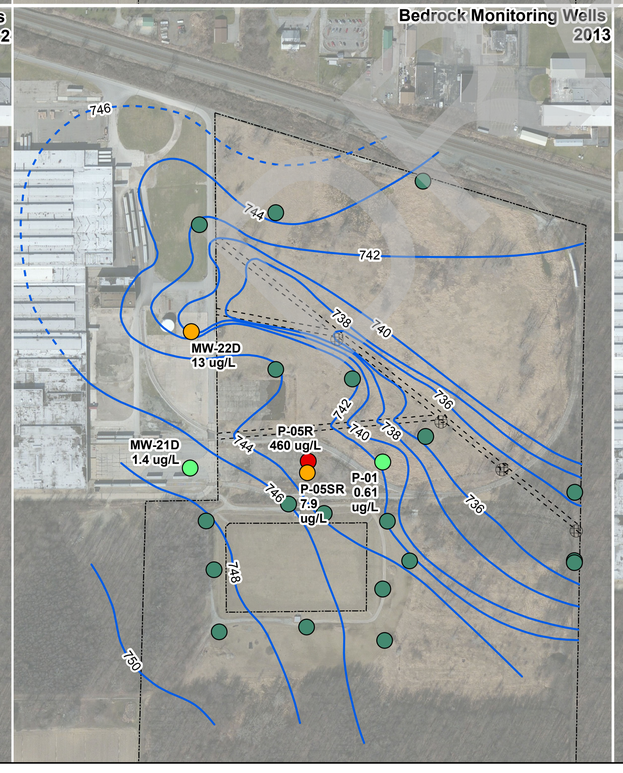
FIGURE 1

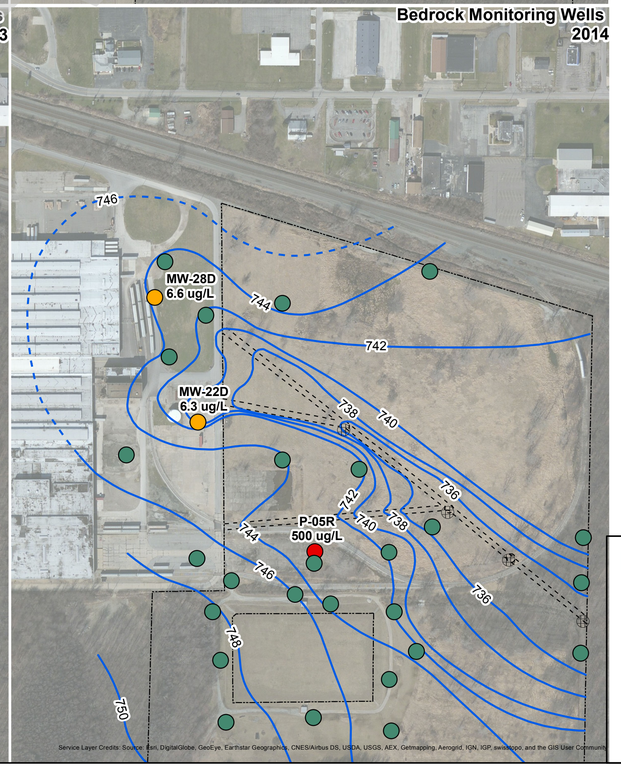












LEGEND

Trichloroethene US EPA Maximum Contaminant level = 5.0 ug/L

- Non-Detected
- 0.000001 - 5.00 ug/L
- 5.000001 - 50.00 ug/L
- >50 ug/L
- Sewer Inverts
- Inferred Potentiometric Surface
- Potentiometric Surface
- Storm Sewers
- Site Boundary

NOTES

1. AERIAL IMAGE PROVIDED AS PART OF ESRI BASEMAP WORLD IMAGERY.

2.MAXIMUM CONCENTRATION FOR EACH LOCATION AND YEAR WERE USED TO DEVELOP FIGURES.

3. GROUNDWATER POTENTIOMETRIC SURFACE BASED UPON WATER LEVELS COLLECTED DURING THE APRIL 27, 2015 GAUGING EVENT BY HALEY & ALDRICH, INC.. WATER LEVELS ARE FAIRLY CONSISTENT FROM 2012 THROUGH 2015 AND THE POTENTIOMENTRIC SURFACE IS GENERALIZED FROM 2012 TO 2015.

4. ALL LOCATIONS AND ELEVATIONS BASED UPON A PRE-EXISTING SURVEY.

5. SEWER SURVEY INFORMATION UPDATED ON MAY 4, 2015.

N

0 240 480 720 960

SCALE IN FEET

HALEY ALDRICH

RACER ELYRIA
ELYRIA, OHIO

TRICHLOROETHENE GROUNDWATER SAMPLE CONCENTRATION 2012-2014

DECEMBER 2015

FIGURE 2

GIS FILE PATH: G:\Projects\417753_RacerElyria\Global\GIS\Groundwater RFI Addendum\TCE_GW_Conc_122215.mxd — USER: nkron — LAST SAVED: 12/30/2015 1:18:23 PM

Contact/Till Monitoring Wells 2012

FD-05 63.4 ug/L
P-14T 1.88 ug/L
P-18T 0.38 ug/L

Contact/Till Monitoring Wells 2013

MW-23S 12.6 ug/L
FD-05 62.4 ug/L
MW-22S 853 ug/L
P-01T 0.2 ug/L

Contact/Till Monitoring Wells 2014

MW-23S 4.75 ug/L
MW-26S 3.59 ug/L
MW-24S 0.77 ug/L
FD-05 86 ug/L
MW-22S 907 ug/L

Bedrock Monitoring Wells 2012

MW-16R 2.4 ug/L
MW-18 5.82 ug/L
P-05R 530 ug/L
P-05SR 13.3 ug/L
P-14 4.1 ug/L

Bedrock Monitoring Wells 2013

MW-23D 186 ug/L
MW-22D 185 ug/L
MW-16R 1.7 ug/L
MW-18 1.8 ug/L
MW-21D 0.53 ug/L
P-05R 580 ug/L
P-05SR 6.1 ug/L
P-20 0.42 ug/L

Bedrock Monitoring Wells 2014

MW-28D 18.6 ug/L
MW-23D 100 ug/L
MW-26D 8.2 ug/L
MW-22D 149 ug/L
MW-16R 0.83 ug/L
MW-18 2.1 ug/L
P-05R 640 ug/L
P-05SR 3.7 ug/L
MW-20 0.38 ug/L
P-20 0.25 ug/L

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

LEGEND

1,1-Dichloroethe US EPA Maximum Contaminant level = 7.0 ug/L

1,2-Dichloroethene Concentration Scale

- Non-Detected
- 0.000001 - 7.0 ug/L
- 7.000001 - 50.0 ug/L
- > 50.0 ug/L
- Sewer Inverts
- Inferred Potentiometric Surface
- Potentiometric Surface
- Storm Sewers
- Site Boundary

NOTES

1. AERIAL IMAGE PROVIDED AS PART OF ESRI BASEMAP WORLD IMAGERY.

2.MAXIMUM CONCENTRATION FOR EACH LOCATION AND YEAR WERE USED TO DEVELOP FIGURES.

3. TOTAL 1,1-DICHLOROETHENE WAS CALCULATED BY THE SUM OF CIS-1,1-DICHLOROETHEN AND TRANS-1,1-DICHLOROETHENE.

4. GROUNDWATER POTENTIOMETRIC SURFACE BASED UPON WATER LEVELS COLLECTED DURING THE APRIL 27, 2015 GAUGING EVENT BY HALEY & ALDRICH, INC.. WATER LEVELS ARE FAIRLY CONSISTENT FROM 2012 THROUGH 2015 AND THE POTENTIOMENTRIC SURFACE IS GENERALIZED FROM 2012 TO 2015.

5. ALL LOCATIONS AND ELEVATIONS BASED UPON A PRE-EXISTING SURVEY.

6. SEWER SURVEY INFORMATION UPDATED ON MAY 4, 2015.

N

0 240 480 720 960
SCALE IN FEET

HALEY ALDRICH

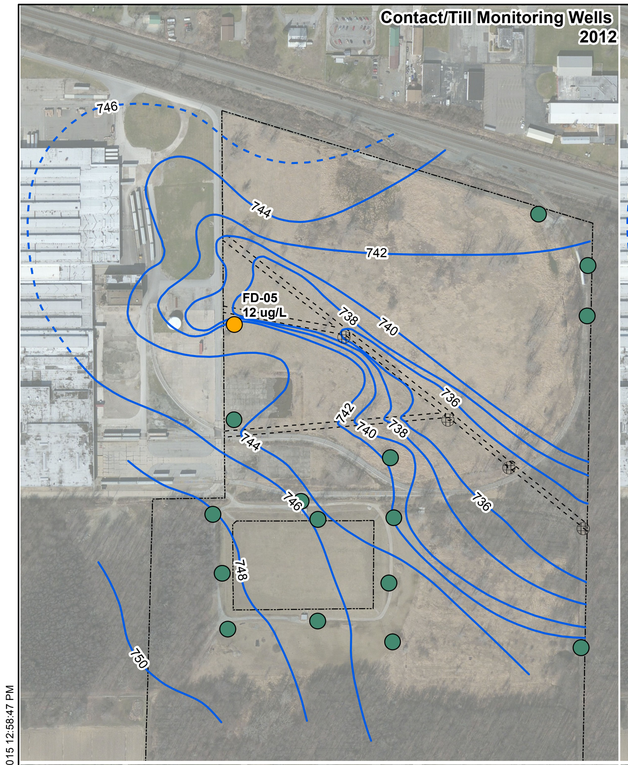
RACER ELYRIA
ELYRIA, OHIO

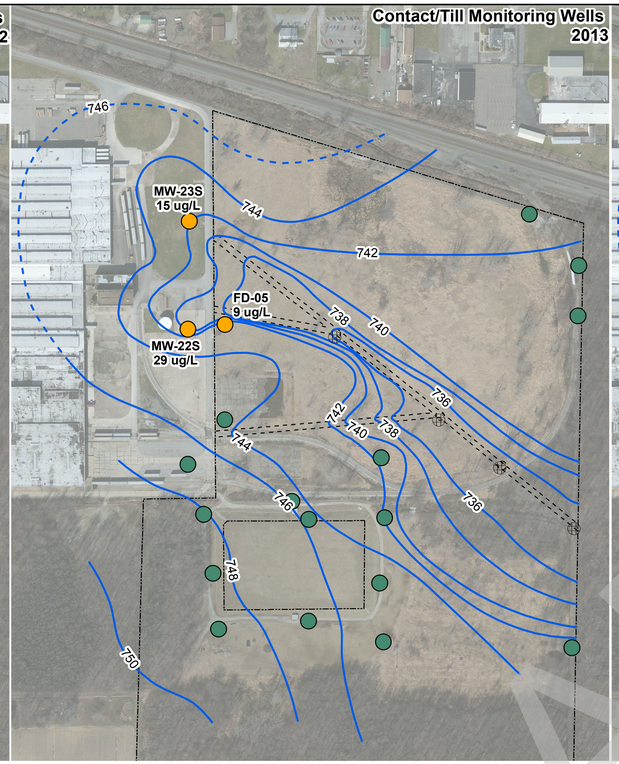
TOTAL 1,2-DICHLOROETHENE GROUNDWATER SAMPLE CONCENTRATION 2012-2014

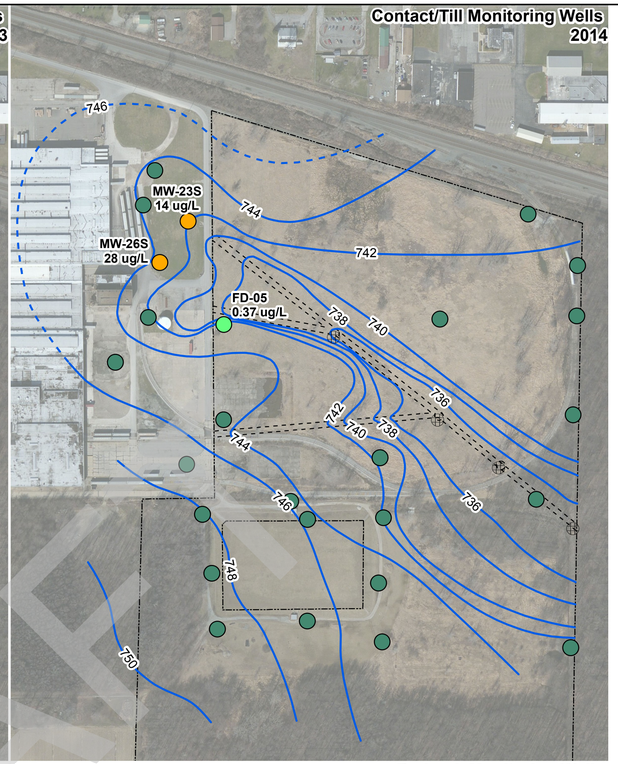
DECEMBER 2015

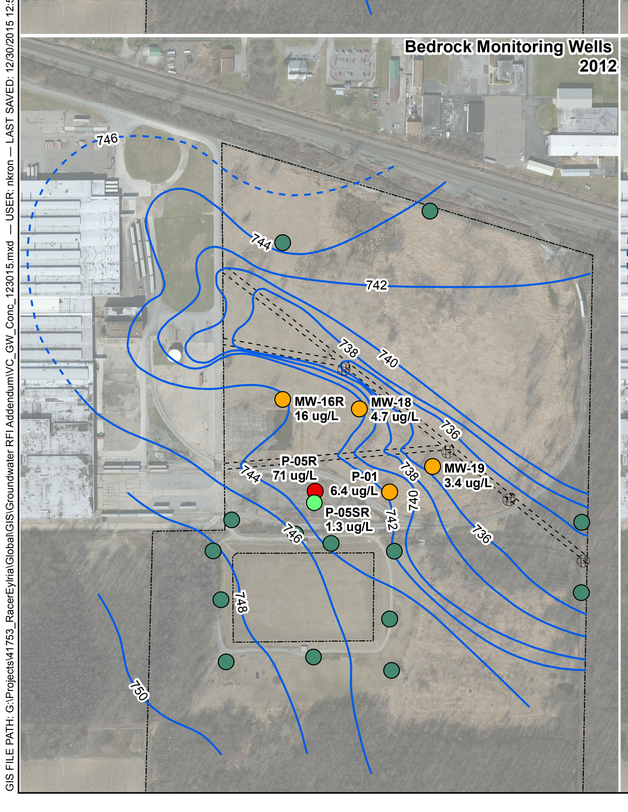
FIGURE 3

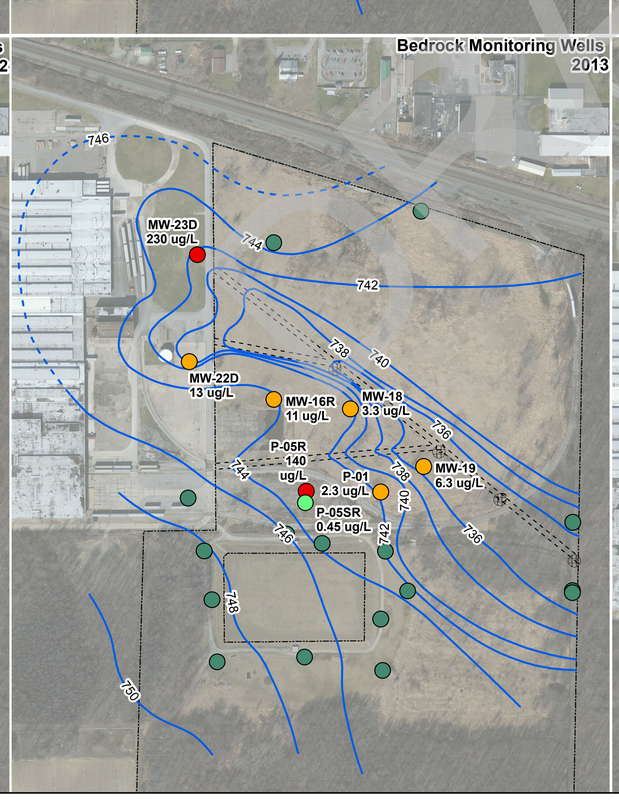
GIS FILE PATH: G:\Projects\41753_RacerElyria\Global\GIS\Groundwater RFI Addendum\DCE_GW_Conc_120115.mxd — USER: nkron — LAST SAVED: 12/30/2015 12:52:16 PM

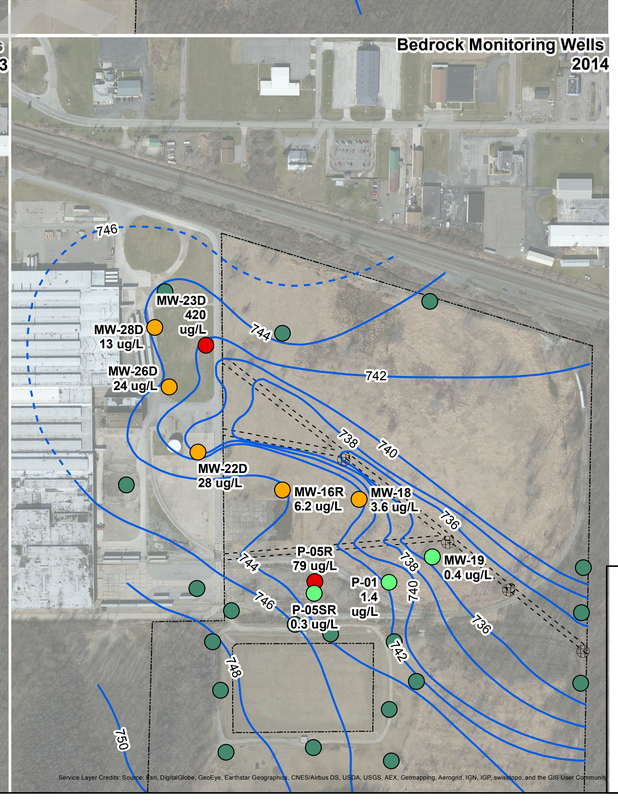












LEGEND

Vinyl Chloride US EPA Maximum Contaminant level = 2.0 ug/L

- Non-Detected
- 0.000001 - 2.0
- 2.000001 - 50.0
- >50 Ug/L
- Sewer Inverts
- Inferred Potentiometric Surface
- Potentiometric Surface
- Storm Sewers
- Site Boundary

NOTES

1. AERIAL IMAGE PROVIDED AS PART OF ESRI BASEMAP WORLD IMAGERY.

2.MAXIMUM CONCENTRATION FOR EACH LOCATION AND YEAR WERE USED TO DEVELOP FIGURES.

3. GROUNDWATER POTENTIOMETRIC SURFACE BASED UPON WATER LEVELS COLLECTED DURING THE APRIL 27, 2015 GAUGING EVENT BY HALEY & ALDRICH, INC.. WATER LEVELS ARE FAIRLY CONSISTENT FROM 2012 THROUGH 2015 AND THE POTENTIOMENTRIC SURFACE IS GENERALIZED FROM 2012 TO 2015.

4. ALL LOCATIONS AND ELEVATIONS BASED UPON A PRE-EXISTING SURVEY.

5. SEWER SURVEY INFORMATION UPDATED ON MAY 4, 2015.

N

0 240 480 720 960

SCALE IN FEET

HALEY ALDRICH

RACER ELYRIA
ELYRIA, OHIO

VINYL CHLORIDE GROUNDWATER SAMPLE CONCENTRATION 2012-2014

DECEMBER 2015

FIGURE 4

GIS FILE PATH: G:\Projects\41753_RacerElyria\Global\GIS\Groundwater RFI Addendum\VC_GW_Conc_123015.mxd — USER: nkron — LAST SAVED: 12/30/2015 12:58:47 PM

LABORATORY REPORT

DRAFT

HALEY ALDRICH

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-53848-1
Client Project/Site: Racer Elyria

For:
Haley & Aldrich, Inc.
6500 Rockside Road
Suite 200
Cleveland, Ohio 44131

Attn: Lloyd Ross

Denise Pohl

Authorized for release by:
8/5/2015 10:27:25 AM

Denise Pohl, Project Manager II
(330)966-9789
denise.pohl@testamericainc.com

DRAFT

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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DRAFT

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

DRAFT

Job ID: 240-53848-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Haley & Aldrich, Inc.

Project: Racer Elyria

Report Number: 240-53848-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 8/1/2015 11:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.6° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples 0171-073115-1600 (240-53848-1) and 0171-073115-0001 (240-53848-2) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 08/04/2015.

Sample 0171-073115-1600 (240-53848-1)[5.71X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DRAFT

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

DRAFT

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-53848-1	0171-073115-1600	Water	07/31/15 16:00	08/01/15 11:00
240-53848-2	0171-073115-0001	Water	07/31/15 12:00	08/01/15 11:00

DRAFT

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Client Sample ID: 0171-073115-1600 — Lab Sample ID: 240-53848-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	110		5.7	1.5	ug/L	5.71		8260B	Total/NA
trans-1,2-Dichloroethene	2.0	J	5.7	1.7	ug/L	5.71		8260B	Total/NA
Trichloroethene	12		5.7	1.3	ug/L	5.71		8260B	Total/NA
Vinyl chloride	6.5		5.7	1.7	ug/L	5.71		8260B	Total/NA

Client Sample ID: 0171-073115-0001 — Lab Sample ID: 240-53848-2

No Detections.

DRAFT

This Detection Summary does not include radiochemical test results.

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Client Sample ID: 0171-073115-1600
Date Collected: 07/31/15 16:00
Date Received: 08/01/15 11:00

Lab Sample ID: 240-53848-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	57	U	57	5.4	ug/L			08/04/15 15:16	5.71
Benzene	5.7	U	5.7	2.0	ug/L			08/04/15 15:16	5.71
Bromoform	5.7	U	5.7	3.2	ug/L			08/04/15 15:16	5.71
Bromomethane	5.7	U	5.7	2.5	ug/L			08/04/15 15:16	5.71
2-Butanone (MEK)	57	U	57	3.0	ug/L			08/04/15 15:16	5.71
Carbon disulfide	5.7	U	5.7	2.2	ug/L			08/04/15 15:16	5.71
Carbon tetrachloride	5.7	U	5.7	2.5	ug/L			08/04/15 15:16	5.71
Chlorobenzene	5.7	U	5.7	1.4	ug/L			08/04/15 15:16	5.71
Chlorodibromomethane	5.7	U	5.7	2.5	ug/L			08/04/15 15:16	5.71
Chloroethane	5.7	U	5.7	1.8	ug/L			08/04/15 15:16	5.71
Chloroform	5.7	U	5.7	1.4	ug/L			08/04/15 15:16	5.71
Chloromethane	5.7	U	5.7	2.5	ug/L			08/04/15 15:16	5.71
cis-1,2-Dichloroethene	**110**		5.7	1.5	ug/L			08/04/15 15:16	5.71
cis-1,3-Dichloropropene	5.7	U	5.7	2.6	ug/L			08/04/15 15:16	5.71
Cyclohexane	5.7	U	5.7	2.6	ug/L			08/04/15 15:16	5.71
1,2-Dibromo-3-Chloropropane	11	U	11	4.7	ug/L			08/04/15 15:16	5.71
1,2-Dichlorobenzene	5.7	U	5.7	1.4	ug/L			08/04/15 15:16	5.71
1,3-Dichlorobenzene	5.7	U	5.7	1.1	ug/L			08/04/15 15:16	5.71
1,4-Dichlorobenzene	5.7	U	5.7	1.5	ug/L			08/04/15 15:16	5.71
Dichlorobromomethane	5.7	U	5.7	1.7	ug/L			08/04/15 15:16	5.71
Dichlorodifluoromethane	5.7	U	5.7	1.8	ug/L			08/04/15 15:16	5.71
1,1-Dichloroethane	5.7	U	5.7	1.7	ug/L			08/04/15 15:16	5.71
1,2-Dichloroethane	5.7	U	5.7	1.3	ug/L			08/04/15 15:16	5.71
1,1-Dichloroethene	5.7	U	5.7	2.6	ug/L			08/04/15 15:16	5.71
1,2-Dichloropropane	5.7	U	5.7	1.4	ug/L			08/04/15 15:16	5.71
Ethylbenzene	5.7	U	5.7	1.4	ug/L			08/04/15 15:16	5.71
Ethylene Dibromide	5.7	U	5.7	1.8	ug/L			08/04/15 15:16	5.71
2-Hexanone	57	U	57	2.7	ug/L			08/04/15 15:16	5.71
Isopropylbenzene	5.7	U	5.7	2.0	ug/L			08/04/15 15:16	5.71
Methyl acetate	57	U	57	13	ug/L			08/04/15 15:16	5.71
Methylcyclohexane	5.7	U	5.7	2.5	ug/L			08/04/15 15:16	5.71
Methylene Chloride	5.7	U	5.7	1.9	ug/L			08/04/15 15:16	5.71
4-Methyl-2-pentanone (MIBK)	57	U	57	5.7	ug/L			08/04/15 15:16	5.71
Methyl tert-butyl ether	5.7	U	5.7	1.1	ug/L			08/04/15 15:16	5.71
Styrene	5.7	U	5.7	2.6	ug/L			08/04/15 15:16	5.71
1,1,2,2-Tetrachloroethane	5.7	U	5.7	1.3	ug/L			08/04/15 15:16	5.71
Tetrachloroethene	5.7	U	5.7	1.8	ug/L			08/04/15 15:16	5.71
Toluene	5.7	U	5.7	1.3	ug/L			08/04/15 15:16	5.71
trans-1,2-Dichloroethene	**2.0**	**J**	5.7	1.7	ug/L			08/04/15 15:16	5.71
trans-1,3-Dichloropropene	5.7	U	5.7	3.2	ug/L			08/04/15 15:16	5.71
1,2,4-Trichlorobenzene	5.7	U	5.7	1.8	ug/L			08/04/15 15:16	5.71
1,1,1-Trichloroethane	5.7	U	5.7	2.5	ug/L			08/04/15 15:16	5.71
1,1,2-Trichloroethane	5.7	U	5.7	1.4	ug/L			08/04/15 15:16	5.71
Trichloroethene	**12**		5.7	1.3	ug/L			08/04/15 15:16	5.71
Trichlorofluoromethane	5.7	U	5.7	2.8	ug/L			08/04/15 15:16	5.71
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	5.7	2.6	ug/L			08/04/15 15:16	5.71
Vinyl chloride	**6.5**		5.7	1.7	ug/L			08/04/15 15:16	5.71
Xylenes, Total	11	U	11	3.0	ug/L			08/04/15 15:16	5.71

DRAFT

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Client Sample ID: 0171-073115-1600
Date Collected: 07/31/15 16:00
Date Received: 08/01/15 11:00

Lab Sample ID: 240-53848-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		61 - 120		08/04/15 15:16	5.71
Dibromofluoromethane (Surr)	86		79 - 120		08/04/15 15:16	5.71
1,2-Dichloroethane-d4 (Surr)	85		78 - 125		08/04/15 15:16	5.71
Toluene-d8 (Surr)	88		80 - 120		08/04/15 15:16	5.71

DRAFT

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Client Sample ID: 0171-073115-0001
Date Collected: 07/31/15 12:00
Date Received: 08/01/15 11:00

Lab Sample ID: 240-53848-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	0.94	ug/L			08/04/15 17:32	1
Benzene	1.0	U	1.0	0.35	ug/L			08/04/15 17:32	1
Bromoform	1.0	U	1.0	0.56	ug/L			08/04/15 17:32	1
Bromomethane	1.0	U	1.0	0.44	ug/L			08/04/15 17:32	1
2-Butanone (MEK)	10	U	10	0.53	ug/L			08/04/15 17:32	1
Carbon disulfide	1.0	U	1.0	0.38	ug/L			08/04/15 17:32	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			08/04/15 17:32	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			08/04/15 17:32	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			08/04/15 17:32	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/04/15 17:32	1
Chloroform	1.0	U	1.0	0.25	ug/L			08/04/15 17:32	1
Chloromethane	1.0	U	1.0	0.44	ug/L			08/04/15 17:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/04/15 17:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			08/04/15 17:32	1
Cyclohexane	1.0	U	1.0	0.45	ug/L			08/04/15 17:32	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			08/04/15 17:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.25	ug/L			08/04/15 17:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.19	ug/L			08/04/15 17:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.27	ug/L			08/04/15 17:32	1
Dichlorobromomethane	1.0	U	1.0	0.29	ug/L			08/04/15 17:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.32	ug/L			08/04/15 17:32	1
1,1-Dichloroethane	1.0	U	1.0	0.30	ug/L			08/04/15 17:32	1
1,2-Dichloroethane	1.0	U	1.0	0.23	ug/L			08/04/15 17:32	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			08/04/15 17:32	1
1,2-Dichloropropane	1.0	U	1.0	0.25	ug/L			08/04/15 17:32	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			08/04/15 17:32	1
Ethylene Dibromide	1.0	U	1.0	0.32	ug/L			08/04/15 17:32	1
2-Hexanone	10	U	10	0.48	ug/L			08/04/15 17:32	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			08/04/15 17:32	1
Methyl acetate	10	U	10	2.3	ug/L			08/04/15 17:32	1
Methylcyclohexane	1.0	U	1.0	0.43	ug/L			08/04/15 17:32	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			08/04/15 17:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			08/04/15 17:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.20	ug/L			08/04/15 17:32	1
Styrene	1.0	U	1.0	0.45	ug/L			08/04/15 17:32	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			08/04/15 17:32	1
Tetrachloroethene	1.0	U	1.0	0.31	ug/L			08/04/15 17:32	1
Toluene	1.0	U	1.0	0.23	ug/L			08/04/15 17:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.30	ug/L			08/04/15 17:32	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			08/04/15 17:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			08/04/15 17:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.44	ug/L			08/04/15 17:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/04/15 17:32	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			08/04/15 17:32	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			08/04/15 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.45	ug/L			08/04/15 17:32	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			08/04/15 17:32	1
Xylenes, Total	2.0	U	2.0	0.52	ug/L			08/04/15 17:32	1

DRAFT

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Client Sample ID: 0171-073115-0001
Date Collected: 07/31/15 12:00
Date Received: 08/01/15 11:00

Lab Sample ID: 240-53848-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		61 - 120		08/04/15 17:32	1
Dibromofluoromethane (Surr)	87		79 - 120		08/04/15 17:32	1
1,2-Dichloroethane-d4 (Surr)	86		78 - 125		08/04/15 17:32	1
Toluene-d8 (Surr)	89		80 - 120		08/04/15 17:32	1

DRAFT

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(61-120)	(79-120)	(78-125)	(80-120)
240-53848-1	0171-073115-1600	95	86	85	88
240-53848-1 MS	0171-073115-1600	95	87	84	92
240-53848-1 MSD	0171-073115-1600	95	88	84	92
240-53848-2	0171-073115-0001	94	87	86	89
LCS 240-191813/4	Lab Control Sample	96	90	85	90
MB 240-191813/6	Method Blank	94	87	86	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

DRAFT

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-191813/6
Matrix: Water
Analysis Batch: 191813

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	0.94	ug/L			08/04/15 14:53	1
Benzene	1.0	U	1.0	0.35	ug/L			08/04/15 14:53	1
Bromoform	1.0	U	1.0	0.56	ug/L			08/04/15 14:53	1
Bromomethane	1.0	U	1.0	0.44	ug/L			08/04/15 14:53	1
2-Butanone (MEK)	10	U	10	0.53	ug/L			08/04/15 14:53	1
Carbon disulfide	1.0	U	1.0	0.38	ug/L			08/04/15 14:53	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			08/04/15 14:53	1
Chlorobenzene	1.0	U	1.0	0.25	ug/L			08/04/15 14:53	1
Chlorodibromomethane	1.0	U	1.0	0.43	ug/L			08/04/15 14:53	1
Chloroethane	1.0	U	1.0	0.32	ug/L			08/04/15 14:53	1
Chloroform	1.0	U	1.0	0.25	ug/L			08/04/15 14:53	1
Chloromethane	1.0	U	1.0	0.44	ug/L			08/04/15 14:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			08/04/15 14:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.46	ug/L			08/04/15 14:53	1
Cyclohexane	1.0	U	1.0	0.45	ug/L			08/04/15 14:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.82	ug/L			08/04/15 14:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.25	ug/L			08/04/15 14:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.19	ug/L			08/04/15 14:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.27	ug/L			08/04/15 14:53	1
Dichlorobromomethane	1.0	U	1.0	0.29	ug/L			08/04/15 14:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.32	ug/L			08/04/15 14:53	1
1,1-Dichloroethane	1.0	U	1.0	0.30	ug/L			08/04/15 14:53	1
1,2-Dichloroethane	1.0	U	1.0	0.23	ug/L			08/04/15 14:53	1
1,1-Dichloroethene	1.0	U	1.0	0.45	ug/L			08/04/15 14:53	1
1,2-Dichloropropane	1.0	U	1.0	0.25	ug/L			08/04/15 14:53	1
Ethylbenzene	1.0	U	1.0	0.25	ug/L			08/04/15 14:53	1
Ethylene Dibromide	1.0	U	1.0	0.32	ug/L			08/04/15 14:53	1
2-Hexanone	10	U	10	0.48	ug/L			08/04/15 14:53	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			08/04/15 14:53	1
Methyl acetate	10	U	10	2.3	ug/L			08/04/15 14:53	1
Methylcyclohexane	1.0	U	1.0	0.43	ug/L			08/04/15 14:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			08/04/15 14:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.99	ug/L			08/04/15 14:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.20	ug/L			08/04/15 14:53	1
Styrene	1.0	U	1.0	0.45	ug/L			08/04/15 14:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.22	ug/L			08/04/15 14:53	1
Tetrachloroethene	1.0	U	1.0	0.31	ug/L			08/04/15 14:53	1
Toluene	1.0	U	1.0	0.23	ug/L			08/04/15 14:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.30	ug/L			08/04/15 14:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.56	ug/L			08/04/15 14:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.32	ug/L			08/04/15 14:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.44	ug/L			08/04/15 14:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.24	ug/L			08/04/15 14:53	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			08/04/15 14:53	1
Trichlorofluoromethane	1.0	U	1.0	0.49	ug/L			08/04/15 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.45	ug/L			08/04/15 14:53	1
Vinyl chloride	1.0	U	1.0	0.29	ug/L			08/04/15 14:53	1
Xylenes, Total	2.0	U	2.0	0.52	ug/L			08/04/15 14:53	1

DRAFT

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*94*		*61 - 120*		*08/04/15 14:53*	*1*
Dibromofluoromethane (Surr)	*87*		*79 - 120*		*08/04/15 14:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*78 - 125*		*08/04/15 14:53*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*08/04/15 14:53*	*1*

Lab Sample ID: LCS 240-191813/4
Matrix: Water
Analysis Batch: 191813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	22.0		ug/L		110	34 - 148
Benzene	10.0	9.44		ug/L		94	80 - 120
Bromoform	10.0	9.08		ug/L		91	56 - 122
Bromomethane	10.0	8.80		ug/L		88	38 - 132
2-Butanone (MEK)	20.0	22.0		ug/L		110	56 - 138
Carbon disulfide	10.0	9.44		ug/L		94	65 - 144
Carbon tetrachloride	10.0	10.2		ug/L		102	77 - 131
Chlorobenzene	10.0	9.39		ug/L		94	80 - 120
Chloroethane	10.0	8.40		ug/L		84	36 - 126
Chloroform	10.0	9.27		ug/L		93	80 - 120
Chloromethane	10.0	6.99		ug/L		70	48 - 133
cis-1,2-Dichloroethene	10.0	9.55		ug/L		95	79 - 120
cis-1,3-Dichloropropene	10.0	9.39		ug/L		94	74 - 126
Cyclohexane	10.0	9.91		ug/L		99	60 - 140
1,2-Dibromo-3-Chloropropane	10.0	7.85		ug/L		78	50 - 132
1,2-Dichlorobenzene	10.0	9.11		ug/L		91	79 - 120
1,3-Dichlorobenzene	10.0	9.22		ug/L		92	79 - 120
1,4-Dichlorobenzene	10.0	9.26		ug/L		93	79 - 120
Dichlorobromomethane	10.0	9.20		ug/L		92	80 - 120
Dichlorodifluoromethane	10.0	7.22		ug/L		72	23 - 136
1,1-Dichloroethane	10.0	9.20		ug/L		92	79 - 125
1,2-Dichloroethane	10.0	9.19		ug/L		92	80 - 120
1,1-Dichloroethene	10.0	9.61		ug/L		96	76 - 124
1,2-Dichloropropane	10.0	9.14		ug/L		91	78 - 124
Ethylbenzene	10.0	9.39		ug/L		94	80 - 120
Ethylene Dibromide	10.0	9.73		ug/L		97	80 - 120
2-Hexanone	20.0	20.0		ug/L		100	55 - 141
Isopropylbenzene	10.0	9.35		ug/L		93	77 - 120
Methyl acetate	50.0	45.3		ug/L		91	67 - 131
Methylcyclohexane	10.0	10.3		ug/L		103	61 - 134
Methylene Chloride	10.0	9.29		ug/L		93	77 - 129
4-Methyl-2-pentanone (MIBK)	20.0	17.9		ug/L		89	64 - 135
Methyl tert-butyl ether	10.0	8.90		ug/L		89	69 - 121
m-Xylene & p-Xylene	10.0	9.54		ug/L		95	80 - 120
o-Xylene	10.0	9.16		ug/L		92	80 - 120
Styrene	10.0	9.11		ug/L		91	76 - 122
1,1,2,2-Tetrachloroethane	10.0	9.21		ug/L		92	71 - 123
Tetrachloroethene	10.0	9.95		ug/L		100	78 - 121
Toluene	10.0	9.26		ug/L		93	80 - 120
trans-1,2-Dichloroethene	10.0	9.79		ug/L		98	80 - 124
trans-1,3-Dichloropropene	10.0	9.79		ug/L		98	75 - 131
1,2,4-Trichlorobenzene	10.0	7.25		ug/L		72	61 - 120
1,1,1-Trichloroethane	10.0	9.72		ug/L		97	77 - 123
1,1,2-Trichloroethane	10.0	9.37		ug/L		94	80 - 120

DRAFT

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-191813/4
Matrix: Water
Analysis Batch: 191813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	10.0	10.3		ug/L		103	80 - 121
Trichlorofluoromethane	10.0	10.3		ug/L		103	61 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	12.1		ug/L		121	67 - 138
Vinyl chloride	10.0	7.60		ug/L		76	52 - 121
Xylenes, Total	20.0	18.7		ug/L		94	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*61 - 120*
Dibromofluoromethane (Surr)	*90*		*79 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*78 - 125*
Toluene-d8 (Surr)	*90*		*80 - 120*

Lab Sample ID: 240-53848-1 MS
Matrix: Water
Analysis Batch: 191813

Client Sample ID: 0171-073115-1600
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	57	U	114	88.3		ug/L		77	32 - 126
Benzene	5.7	U	57.1	54.4		ug/L		95	73 - 121
Bromoform	5.7	U	57.1	50.1		ug/L		88	45 - 121
Bromomethane	5.7	U	57.1	45.2		ug/L		79	26 - 136
2-Butanone (MEK)	57	U	114	115		ug/L		101	49 - 132
Carbon disulfide	5.7	U	57.1	52.1		ug/L		91	54 - 144
Carbon tetrachloride	5.7	U	57.1	54.8		ug/L		96	65 - 129
Chlorobenzene	5.7	U	57.1	55.3		ug/L		97	72 - 120
Chloroethane	5.7	U	57.1	42.9		ug/L		75	27 - 131
Chloroform	5.7	U	57.1	53.0		ug/L		93	73 - 121
Chloromethane	5.7	U	57.1	35.1		ug/L		61	39 - 134
cis-1,2-Dichloroethene	110		57.1	162		ug/L		100	66 - 124
cis-1,3-Dichloropropene	5.7	U	57.1	54.1		ug/L		95	60 - 120
Cyclohexane	5.7	U	57.1	53.7		ug/L		94	41 - 137
1,2-Dibromo-3-Chloropropane	11	U	57.1	45.8		ug/L		80	42 - 130
1,2-Dichlorobenzene	5.7	U	57.1	53.0		ug/L		93	67 - 118
1,3-Dichlorobenzene	5.7	U	57.1	53.2		ug/L		93	65 - 120
1,4-Dichlorobenzene	5.7	U	57.1	54.4		ug/L		95	66 - 120
Dichlorobromomethane	5.7	U	57.1	52.5		ug/L		92	72 - 120
Dichlorodifluoromethane	5.7	U	57.1	35.6		ug/L		62	14 - 137
1,1-Dichloroethane	5.7	U	57.1	52.5		ug/L		92	73 - 124
1,2-Dichloroethane	5.7	U	57.1	53.2		ug/L		93	74 - 125
1,1-Dichloroethene	5.7	U	57.1	53.9		ug/L		94	67 - 124
1,2-Dichloropropane	5.7	U	57.1	54.0		ug/L		95	73 - 122
Ethylbenzene	5.7	U	57.1	54.9		ug/L		96	68 - 121
Ethylene Dibromide	5.7	U	57.1	56.0		ug/L		98	69 - 125
2-Hexanone	57	U	114	109		ug/L		96	49 - 142
Isopropylbenzene	5.7	U	57.1	54.5		ug/L		95	61 - 122
Methyl acetate	57	U	286	249		ug/L		87	64 - 124
Methylcyclohexane	5.7	U	57.1	54.5		ug/L		95	39 - 135

DRAFT

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53848-1 MS
Matrix: Water
Analysis Batch: 191813

Client Sample ID: 0171-073115-1600
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	5.7	U	57.1	52.6		ug/L		92	70 - 124
4-Methyl-2-pentanone (MIBK)	57	U	114	105		ug/L		92	58 - 136
Methyl tert-butyl ether	5.7	U	57.1	49.2		ug/L		86	61 - 121
m-Xylene & p-Xylene	11	U	57.1	55.6		ug/L		97	66 - 123
o-Xylene	5.7	U	57.1	54.0		ug/L		95	68 - 121
Styrene	5.7	U	57.1	52.6		ug/L		92	64 - 126
1,1,2,2-Tetrachloroethane	5.7	U	57.1	52.5		ug/L		92	61 - 130
Tetrachloroethene	5.7	U	57.1	59.0		ug/L		103	59 - 125
Toluene	5.7	U	57.1	56.0		ug/L		98	72 - 122
trans-1,2-Dichloroethene	2.0	J	57.1	56.6		ug/L		96	72 - 125
trans-1,3-Dichloropropene	5.7	U	57.1	56.5		ug/L		99	58 - 132
1,2,4-Trichlorobenzene	5.7	U	57.1	47.0		ug/L		82	48 - 120
1,1,1-Trichloroethane	5.7	U	57.1	53.4		ug/L		94	69 - 122
1,1,2-Trichloroethane	5.7	U	57.1	56.0		ug/L		98	72 - 125
Trichloroethene	12		57.1	72.1		ug/L		105	61 - 129
Trichlorofluoromethane	5.7	U	57.1	49.6		ug/L		87	49 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	57.1	63.7		ug/L		111	44 - 140
Vinyl chloride	6.5		57.1	45.1		ug/L		68	44 - 122
Xylenes, Total	11	U	114	110		ug/L		96	67 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*61 - 120*
Dibromofluoromethane (Surr)	*87*		*79 - 120*
1,2-Dichloroethane-d4 (Surr)	*84*		*78 - 125*
Toluene-d8 (Surr)	*92*		*80 - 120*

Lab Sample ID: 240-53848-1 MSD
Matrix: Water
Analysis Batch: 191813

Client Sample ID: 0171-073115-1600
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	57	U	114	86.5		ug/L		76	32 - 126	2	28
Benzene	5.7	U	57.1	52.5		ug/L		92	73 - 121	3	13
Bromoform	5.7	U	57.1	50.0		ug/L		88	45 - 121	0	19
Bromomethane	5.7	U	57.1	45.5		ug/L		80	26 - 136	1	35
2-Butanone (MEK)	57	U	114	108		ug/L		95	49 - 132	6	19
Carbon disulfide	5.7	U	57.1	49.7		ug/L		87	54 - 144	5	34
Carbon tetrachloride	5.7	U	57.1	54.1		ug/L		95	65 - 129	1	20
Chlorobenzene	5.7	U	57.1	53.5		ug/L		94	72 - 120	3	15
Chloroethane	5.7	U	57.1	44.8		ug/L		78	27 - 131	4	35
Chloroform	5.7	U	57.1	50.8		ug/L		89	73 - 121	4	17
Chloromethane	5.7	U	57.1	37.0		ug/L		65	39 - 134	5	20
cis-1,2-Dichloroethene	110		57.1	157		ug/L		91	66 - 124	3	22
cis-1,3-Dichloropropene	5.7	U	57.1	51.8		ug/L		91	60 - 120	4	21
Cyclohexane	5.7	U	57.1	53.2		ug/L		93	41 - 137	1	35
1,2-Dibromo-3-Chloropropane	11	U	57.1	45.1		ug/L		79	42 - 130	1	24
1,2-Dichlorobenzene	5.7	U	57.1	51.5		ug/L		90	67 - 118	3	15

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Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-53848-1 MSD
Matrix: Water
Analysis Batch: 191813

Client Sample ID: 0171-073115-1600
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	5.7	U	57.1	51.2		ug/L		90	65 - 120	4	15
1,4-Dichlorobenzene	5.7	U	57.1	52.3		ug/L		92	66 - 120	4	16
Dichlorobromomethane	5.7	U	57.1	50.6		ug/L		89	72 - 120	4	19
Dichlorodifluoromethane	5.7	U	57.1	39.0		ug/L		68	14 - 137	9	34
1,1-Dichloroethane	5.7	U	57.1	50.9		ug/L		89	73 - 124	3	14
1,2-Dichloroethane	5.7	U	57.1	51.1		ug/L		90	74 - 125	4	24
1,1-Dichloroethene	5.7	U	57.1	53.6		ug/L		94	67 - 124	0	24
1,2-Dichloropropane	5.7	U	57.1	51.6		ug/L		90	73 - 122	4	15
Ethylbenzene	5.7	U	57.1	52.3		ug/L		92	68 - 121	5	16
Ethylene Dibromide	5.7	U	57.1	54.7		ug/L		96	69 - 125	2	24
2-Hexanone	57	U	114	109		ug/L		95	49 - 142	0	27
Isopropylbenzene	5.7	U	57.1	52.4		ug/L		92	61 - 122	4	20
Methyl acetate	57	U	286	241		ug/L		85	64 - 124	3	12
Methylcyclohexane	5.7	U	57.1	55.4		ug/L		97	39 - 135	2	35
Methylene Chloride	5.7	U	57.1	50.0		ug/L		88	70 - 124	5	14
4-Methyl-2-pentanone (MIBK)	57	U	114	101		ug/L		88	58 - 136	5	32
Methyl tert-butyl ether	5.7	U	57.1	48.0		ug/L		84	61 - 121	2	12
m-Xylene & p-Xylene	11	U	57.1	53.3		ug/L		93	66 - 123	4	15
o-Xylene	5.7	U	57.1	51.9		ug/L		91	68 - 121	4	14
Styrene	5.7	U	57.1	50.6		ug/L		89	64 - 126	4	15
1,1,2,2-Tetrachloroethane	5.7	U	57.1	51.5		ug/L		90	61 - 130	2	18
Tetrachloroethene	5.7	U	57.1	55.7		ug/L		97	59 - 125	6	20
Toluene	5.7	U	57.1	53.0		ug/L		93	72 - 122	5	15
trans-1,2-Dichloroethene	2.0	J	57.1	54.1		ug/L		91	72 - 125	5	25
trans-1,3-Dichloropropene	5.7	U	57.1	53.7		ug/L		94	58 - 132	5	22
1,2,4-Trichlorobenzene	5.7	U	57.1	47.3		ug/L		83	48 - 120	1	28
1,1,1-Trichloroethane	5.7	U	57.1	51.6		ug/L		90	69 - 122	3	14
1,1,2-Trichloroethane	5.7	U	57.1	53.8		ug/L		94	72 - 125	4	19
Trichloroethene	12		57.1	69.5		ug/L		100	61 - 129	4	14
Trichlorofluoromethane	5.7	U	57.1	53.7		ug/L		94	49 - 133	8	25
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	57.1	64.8		ug/L		114	44 - 140	2	35
Vinyl chloride	6.5		57.1	46.9		ug/L		71	44 - 122	4	35
Xylenes, Total	11	U	114	105		ug/L		92	67 - 122	4	14

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*61 - 120*
Dibromofluoromethane (Surr)	*88*		*79 - 120*
1,2-Dichloroethane-d4 (Surr)	*84*		*78 - 125*
Toluene-d8 (Surr)	*92*		*80 - 120*

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GC/MS VOA

Analysis Batch: 191813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-53848-1	0171-073115-1600	Total/NA	Water	8260B	
240-53848-1 MS	0171-073115-1600	Total/NA	Water	8260B	
240-53848-1 MSD	0171-073115-1600	Total/NA	Water	8260B	
240-53848-2	0171-073115-0001	Total/NA	Water	8260B	
LCS 240-191813/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-191813/6	Method Blank	Total/NA	Water	8260B	

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Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Client Sample ID: 0171-073115-1600

Lab Sample ID: 240-53848-1

Date Collected: 07/31/15 16:00

Matrix: Water

Date Received: 08/01/15 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5.71	191813	08/04/15 15:16	RJQ	TAL CAN

Client Sample ID: 0171-073115-0001

Lab Sample ID: 240-53848-2

Date Collected: 07/31/15 12:00

Matrix: Water

Date Received: 08/01/15 11:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	191813	08/04/15 17:32	RJQ	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Racer Elyria

TestAmerica Job ID: 240-53848-1

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Illinois	NELAP	5	200004	07-31-16
Kansas	NELAP	7	E-10336	01-31-16 *
Kentucky (UST)	State Program	4	58	02-26-16
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-16
New Jersey	NELAP	2	OH001	09-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-16
Texas	NELAP	6		08-31-15 *
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15 *

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* Certification renewal pending - certification considered valid.

TestAmerica Laboratories, Inc.

CHAIN OF CUSTODY AND RECEIVING DOCUMENTS

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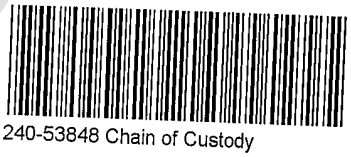

240-53848 Chain of Custody

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

TestAmerica Canton
4101 Shuffel Street, N. N.
North Canton, OH 44720
Phone: 330.497.9396 Fax: 330.497.0772

3.6/C4.6

Chain of Custody Record

031317

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: L. Ross	Site Contact: T. Correll	Date: 7/31/15	COC No: 1
Company Name: Haley & Aldrich	Tel/Fax:	Lab Contact: D. Heckler	Carrier: Courier	1 of 1 COCs
Address: 6500 Rockside Rd.	Analysis Turnaround Time			Sampler:
City/State/Zip: Independence/OH	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 216-739-0555	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: RACER-Elyria	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	Sample Specific Notes:
0171-073115-1600	7/31/15	1600	G	WS	3	N	X		Forms Audit 001
0171-073115-0001	7/31/15	1200	G	WQ	2	N	X		TB

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company	Date/Time	Received by	Company	Date/Time
Relinquished by:	H+A	8/1/15 1106		TA Can	8/1/15 1100
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

7/31/15

TestAmerica Canton Sample Receipt Form/Narrative **Login # : 53848**
Canton Facility

Client Haley + Aldrich Site Name _____ Cooler unpacked by:

Cooler Received on 8/1/15 Opened on 8/1/15

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ ~~Foam Box~~ Client Cooler Box Other _____

Packing material used: ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +1.0 °C) Observed Cooler Temp. 3.6 °C Corrected Cooler Temp. 4.6 °C

~~IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~

~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~

☐ See Multiple Cooler Form

IR GUN# 8 (CF -1.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes	No
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No	NA
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels be reconciled with the COC?	Yes	No
9. Were correct bottle(s) used for the test(s) indicated?	Yes	No
10. Sufficient quantity received to perform indicated analyses?	Yes	No
11. Were sample(s) at the correct pH upon receipt?	Yes No	NA pH Strip Lot# **HC432654**
12. Were VOAs on the COC?	Yes	No
13. Were air bubbles >6 mm in any VOA vials?	Yes No	NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

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